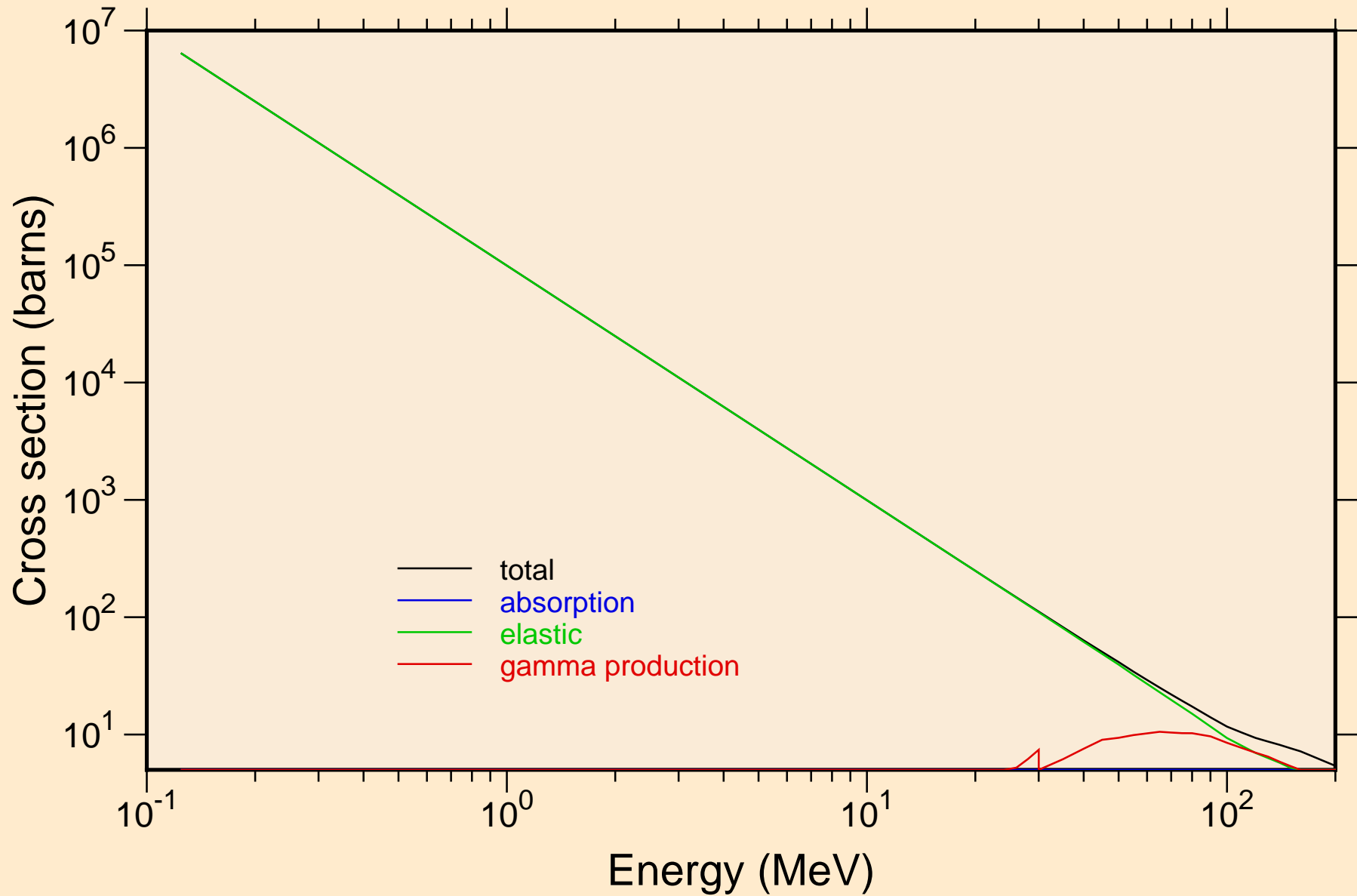


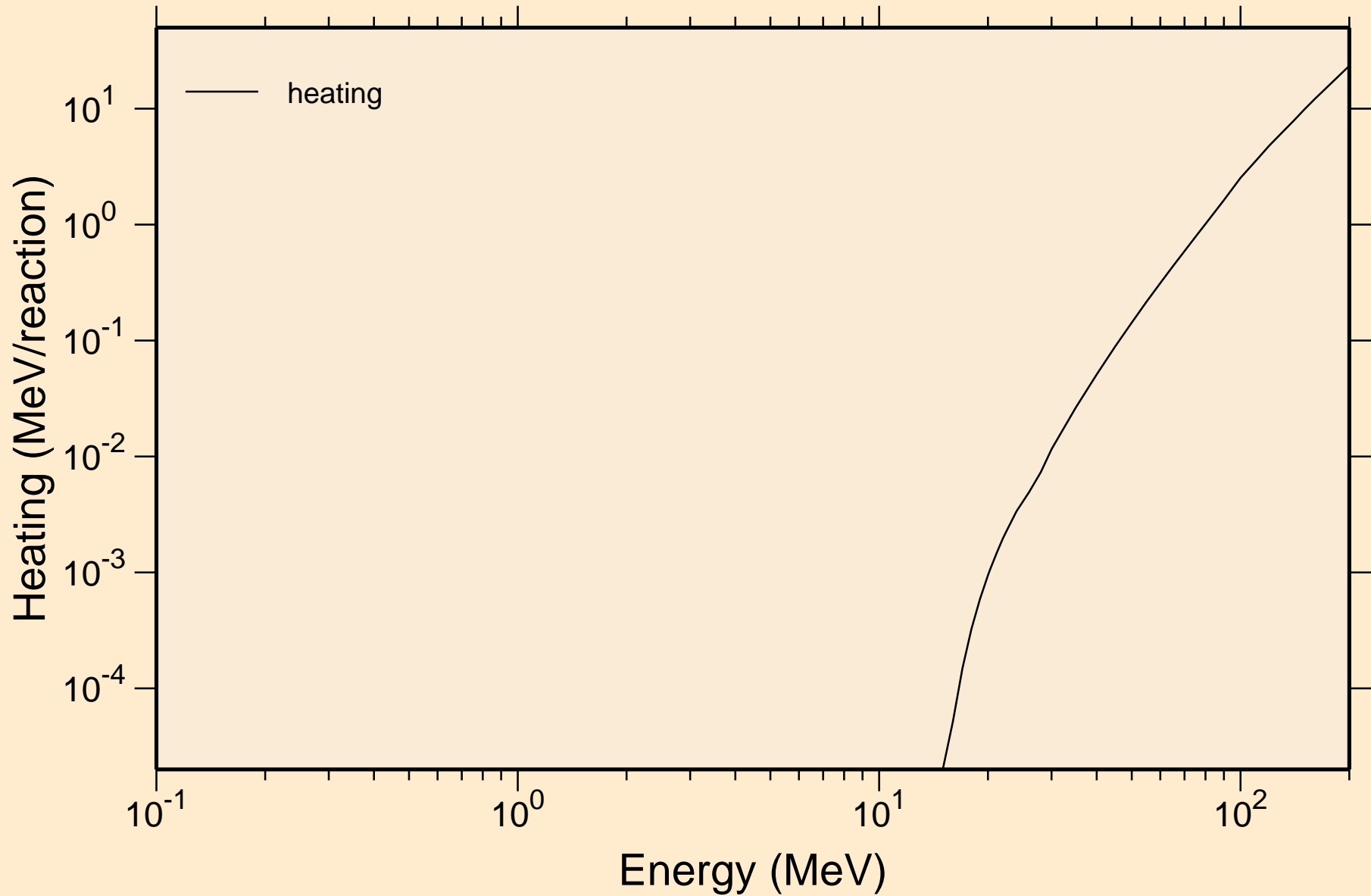
# SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



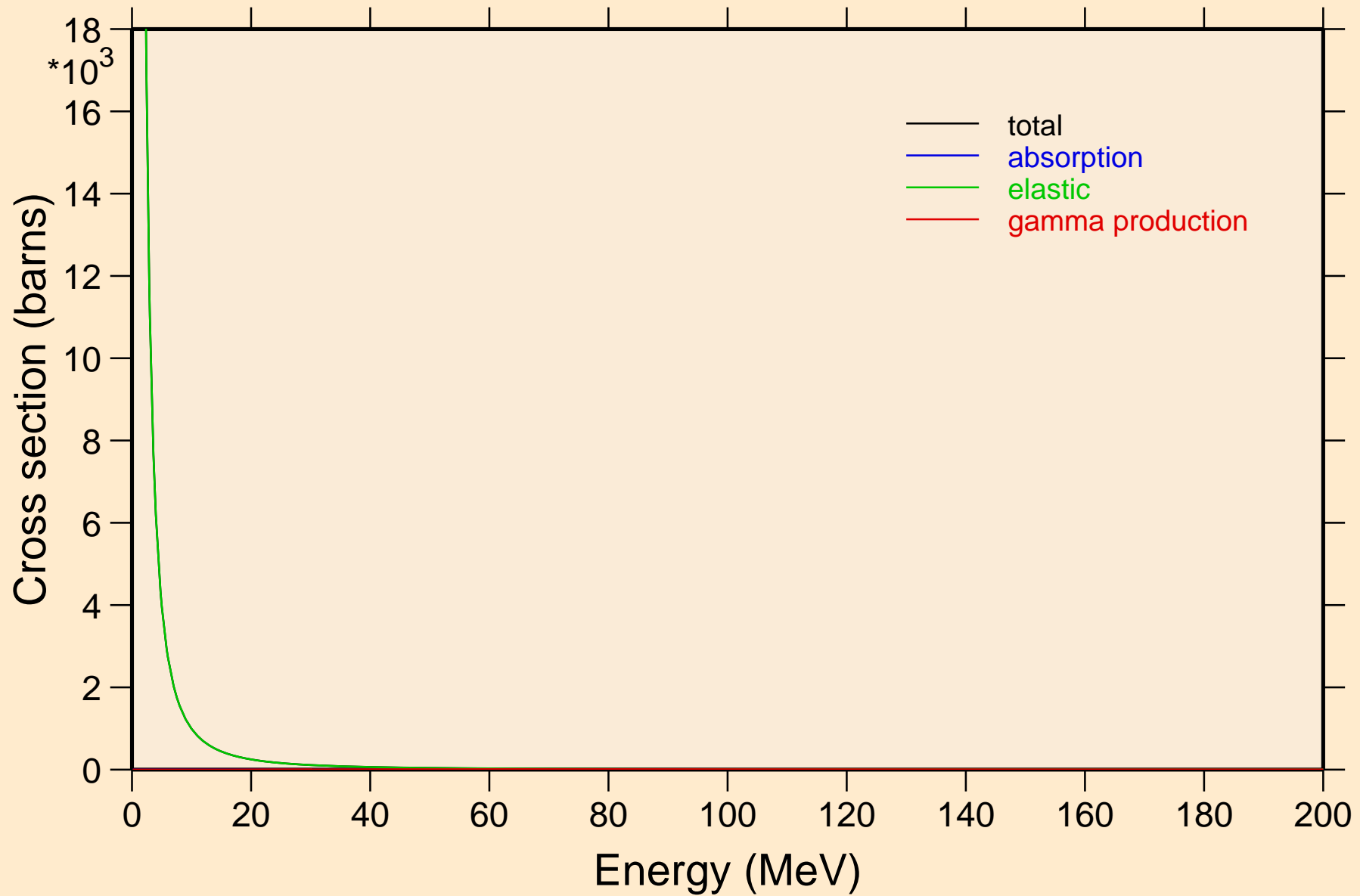
# SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



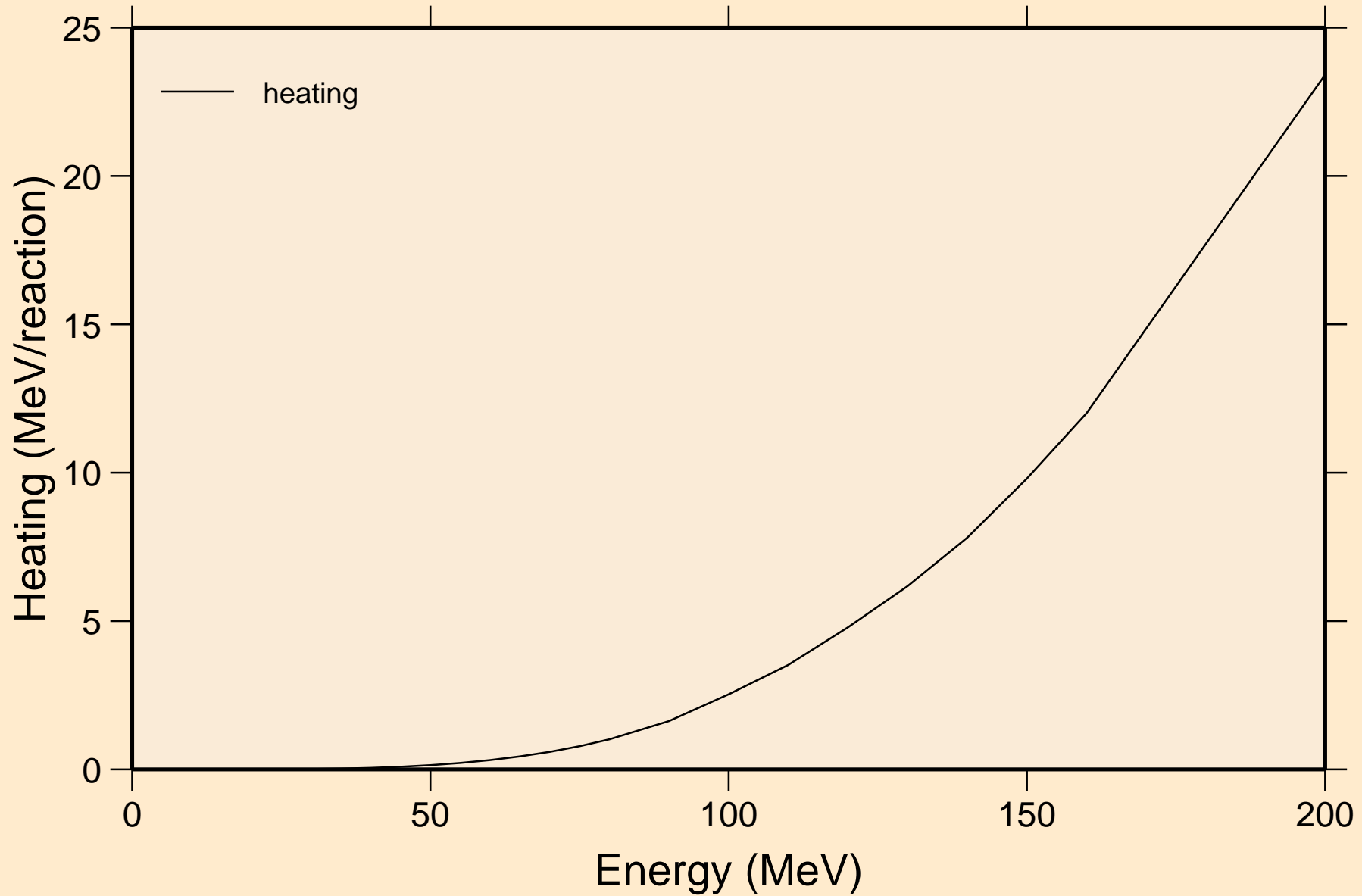
# SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

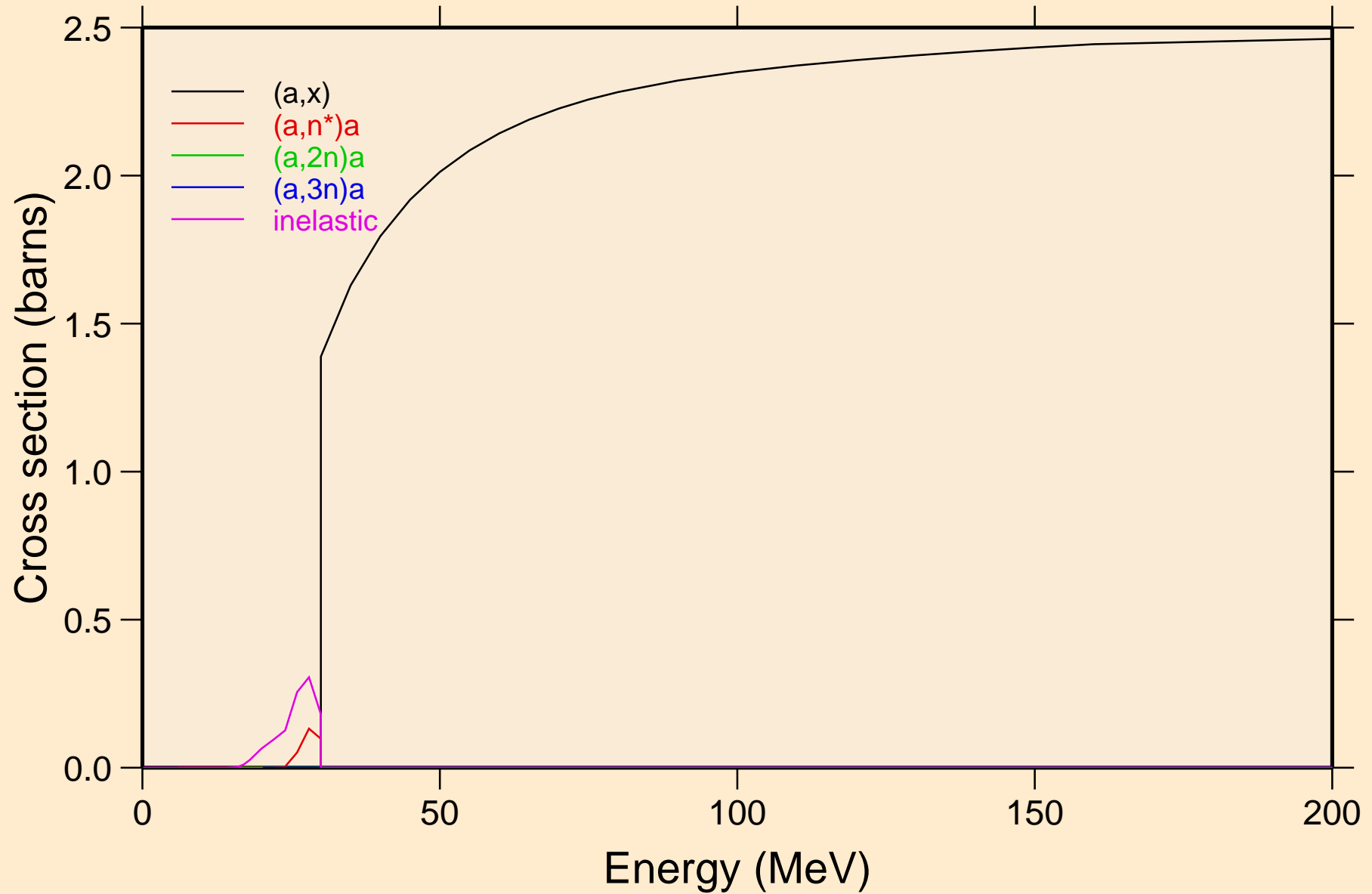


SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

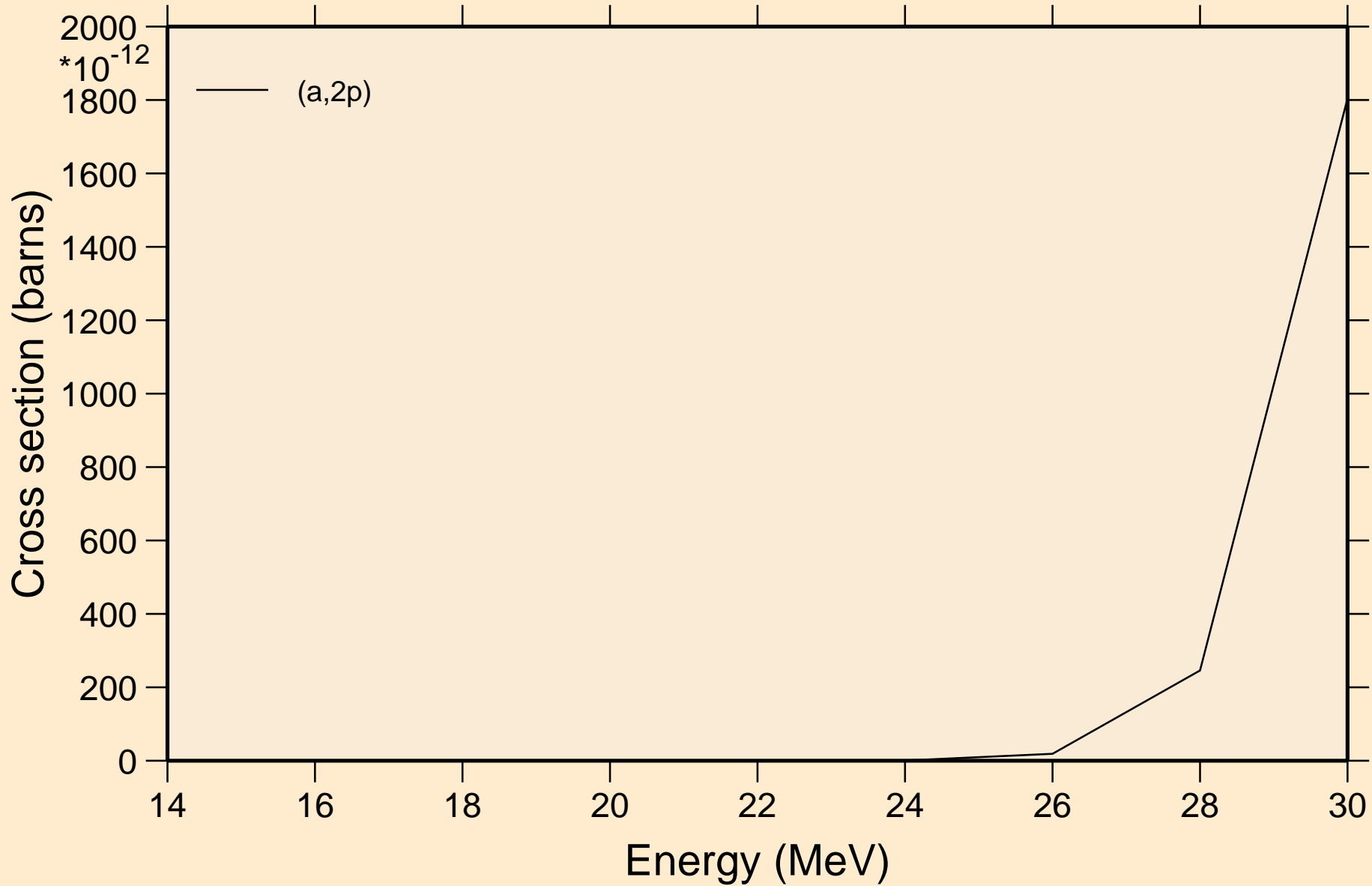
Heating



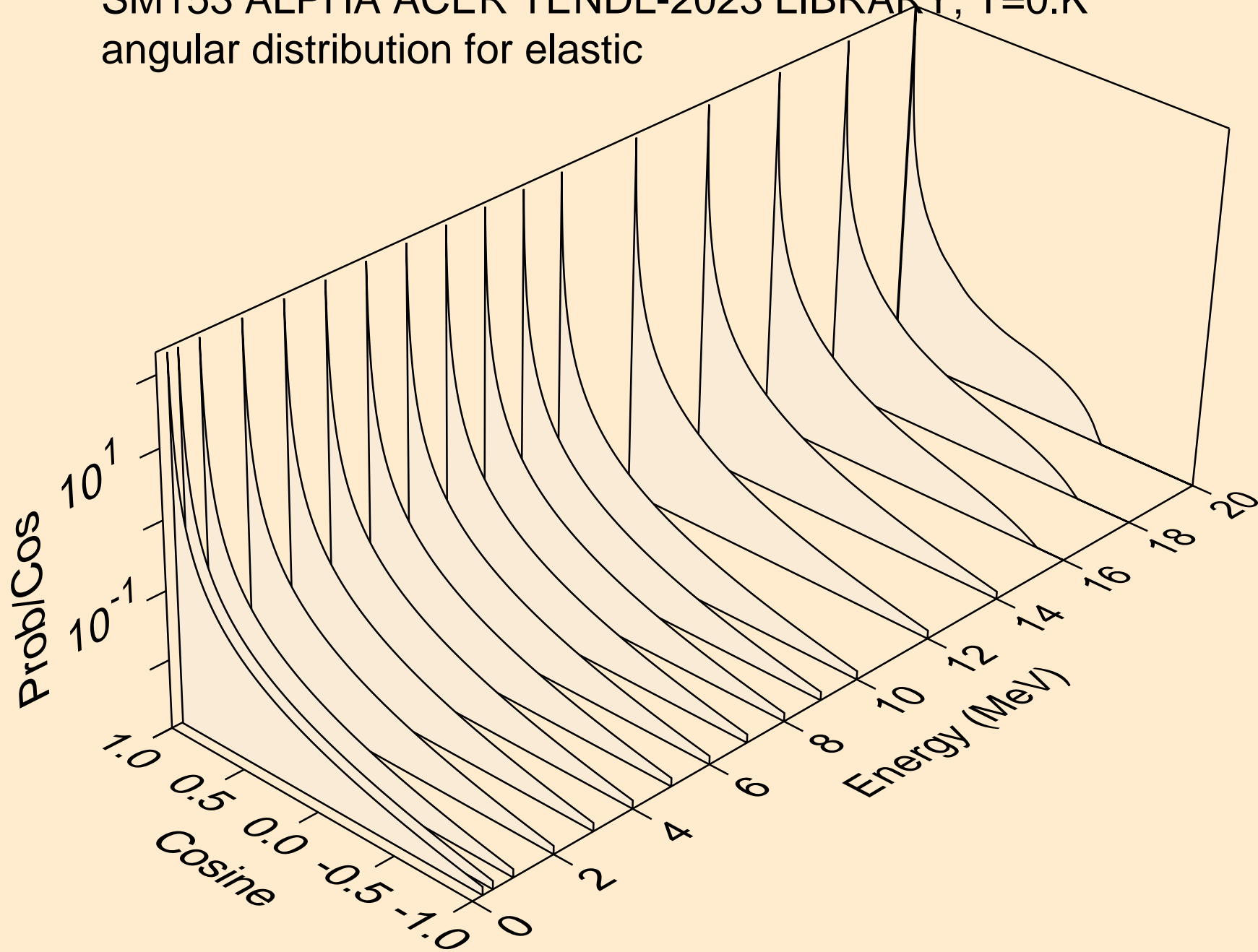
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



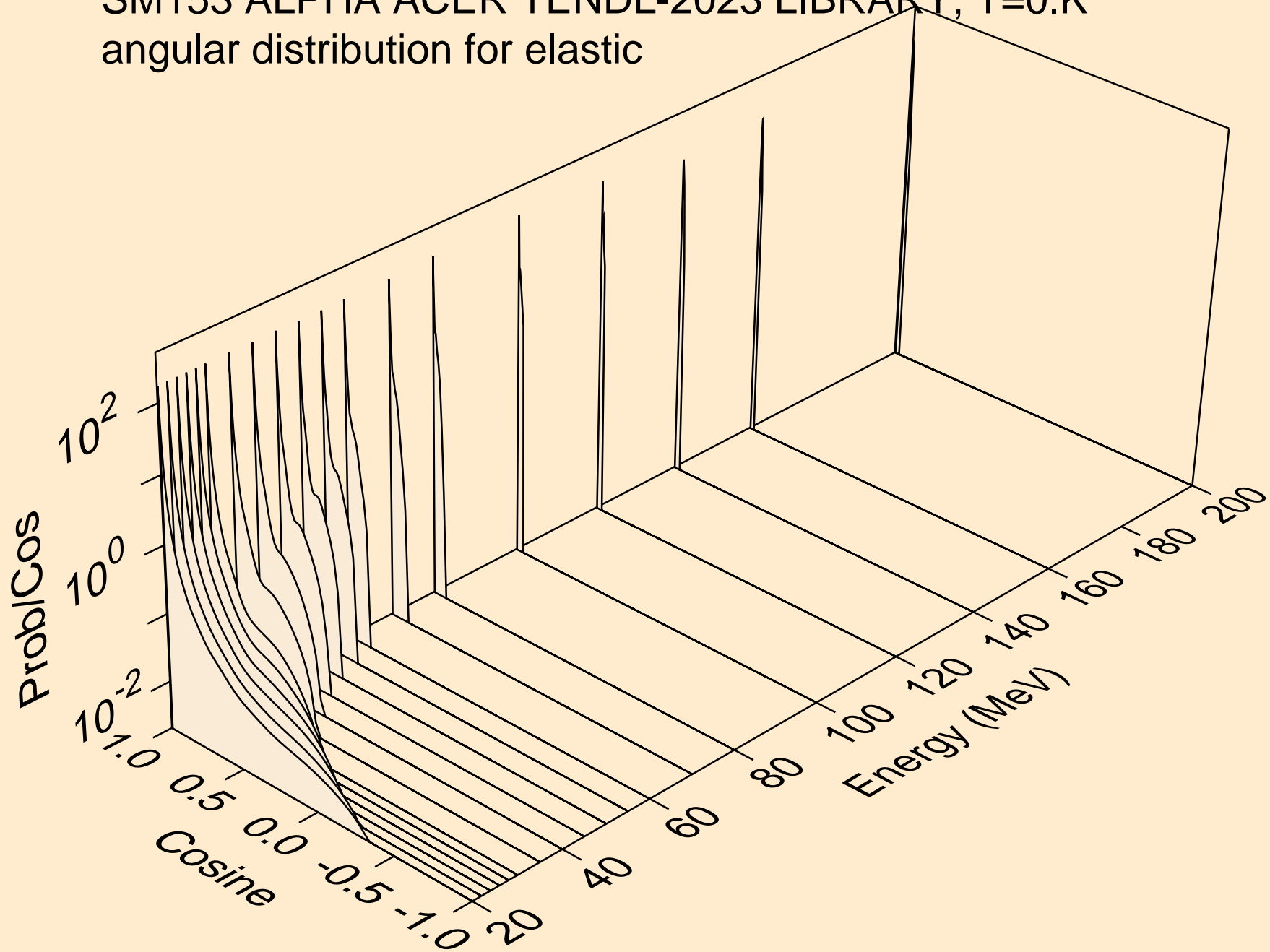
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

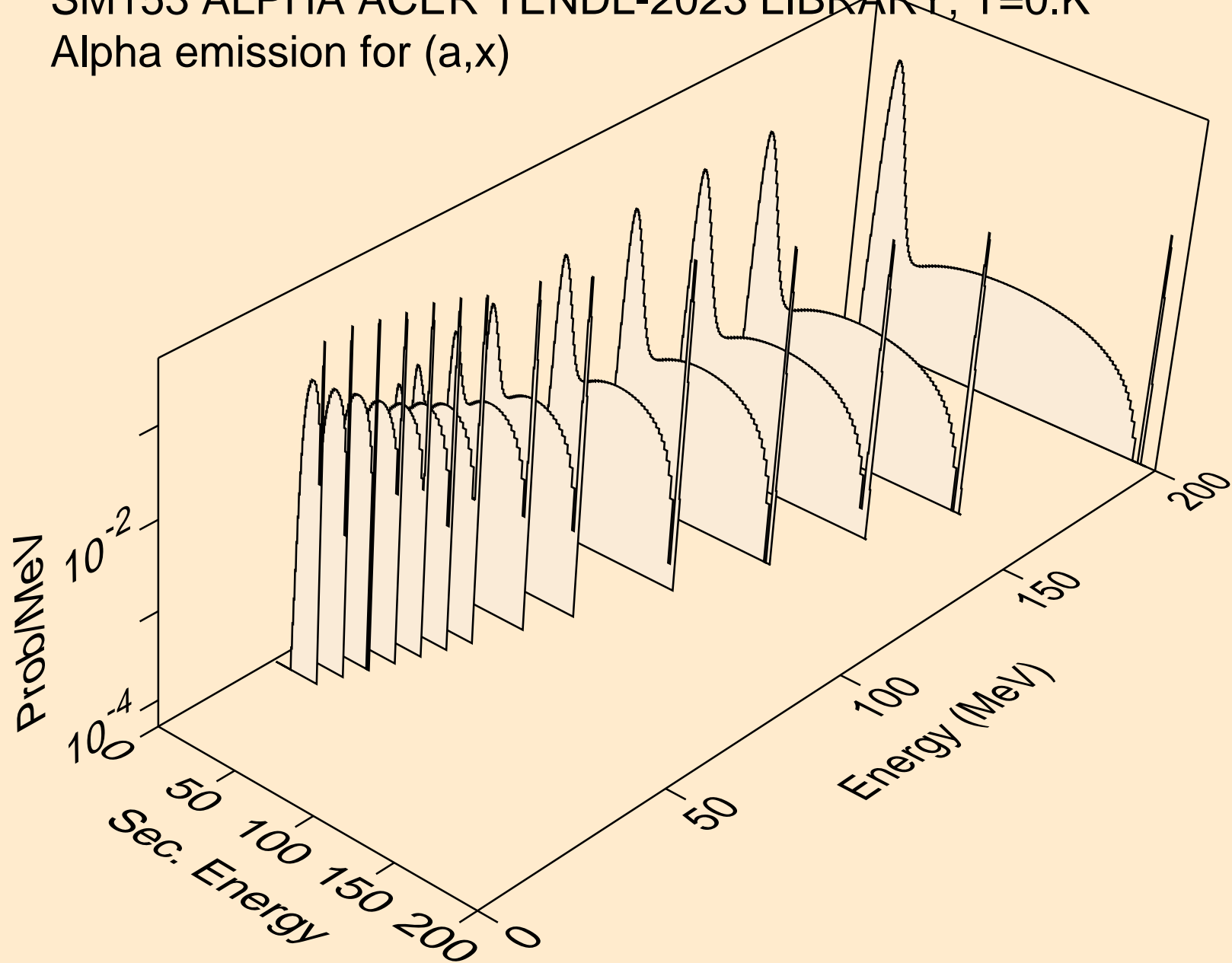


SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

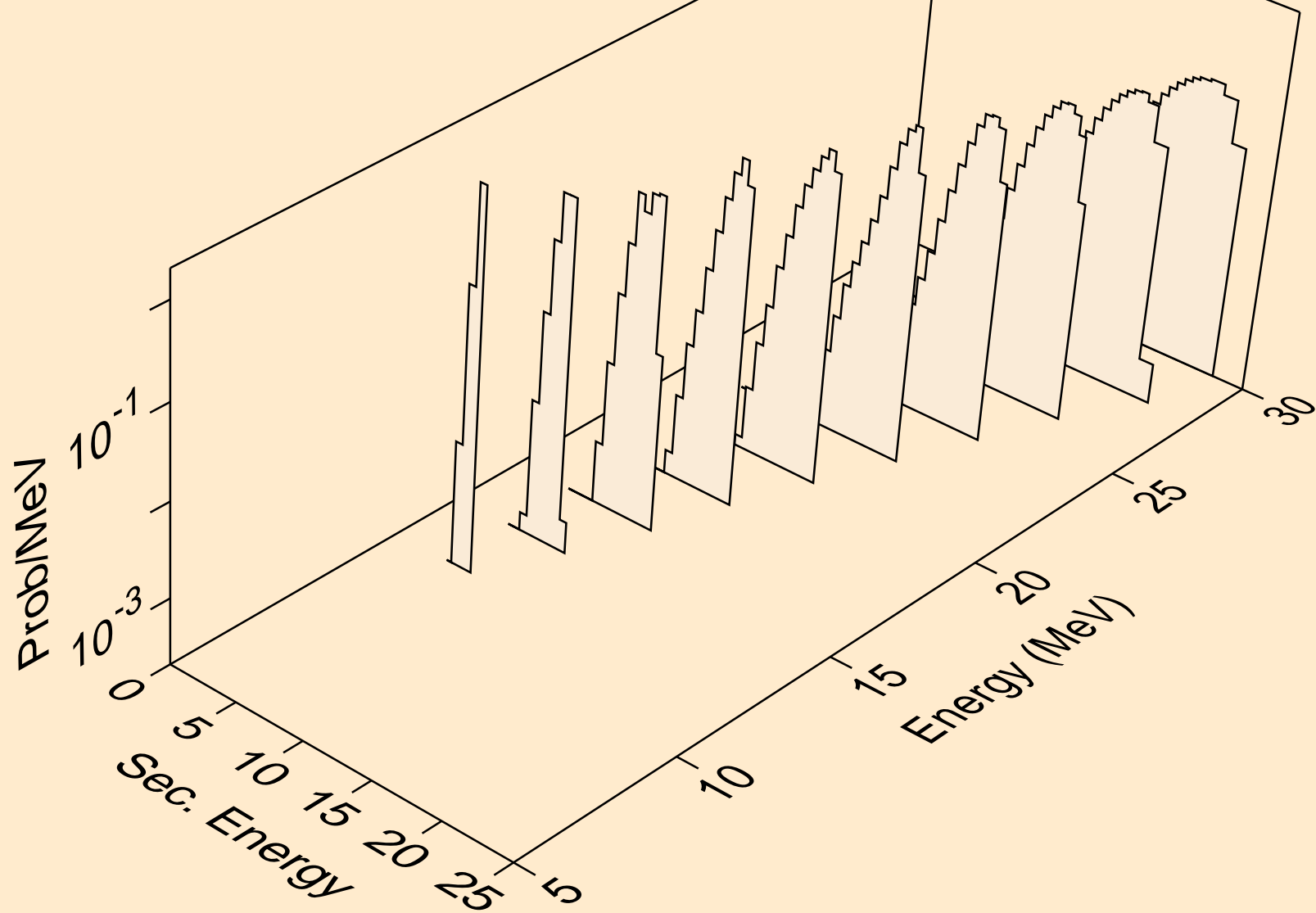




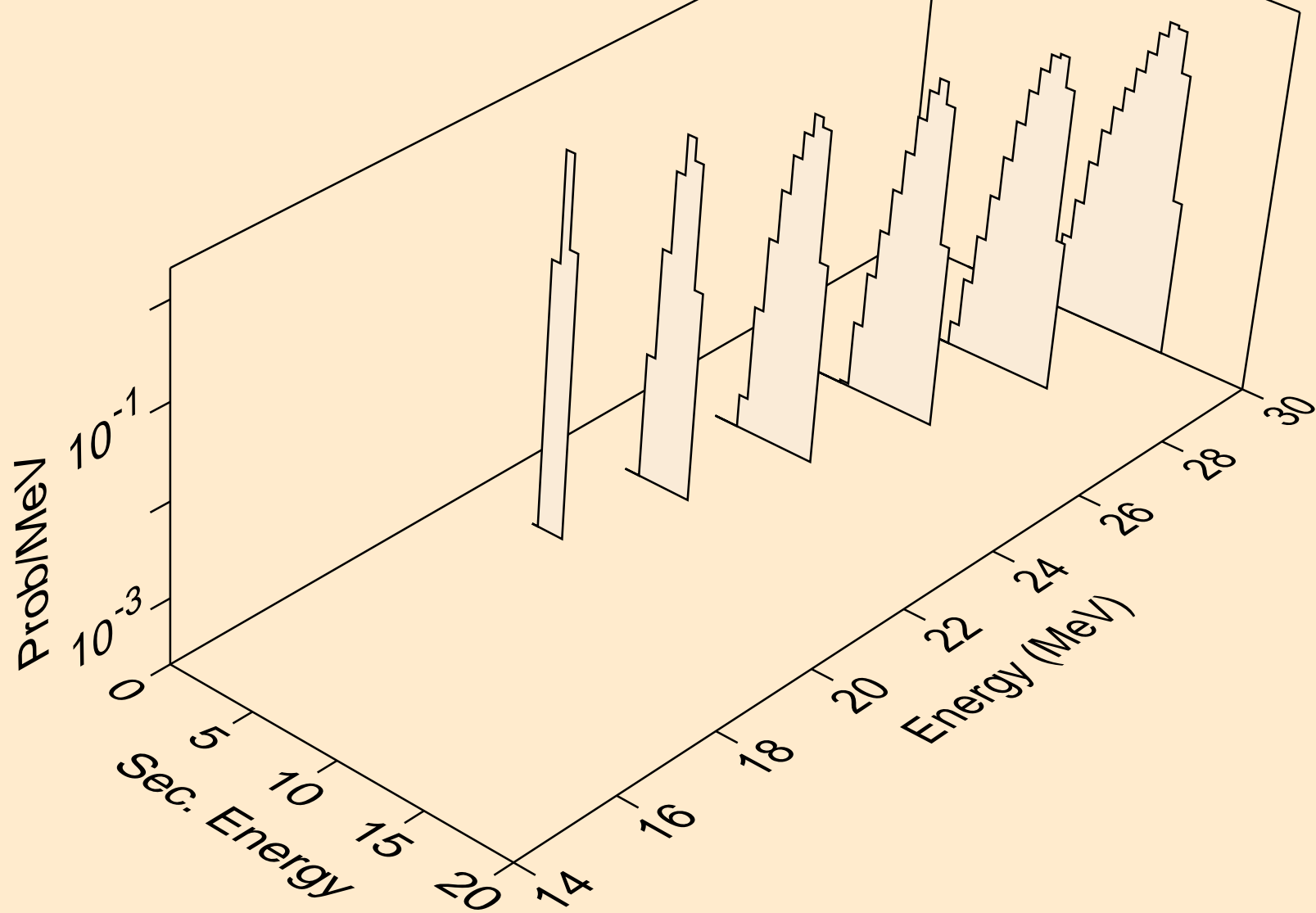
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



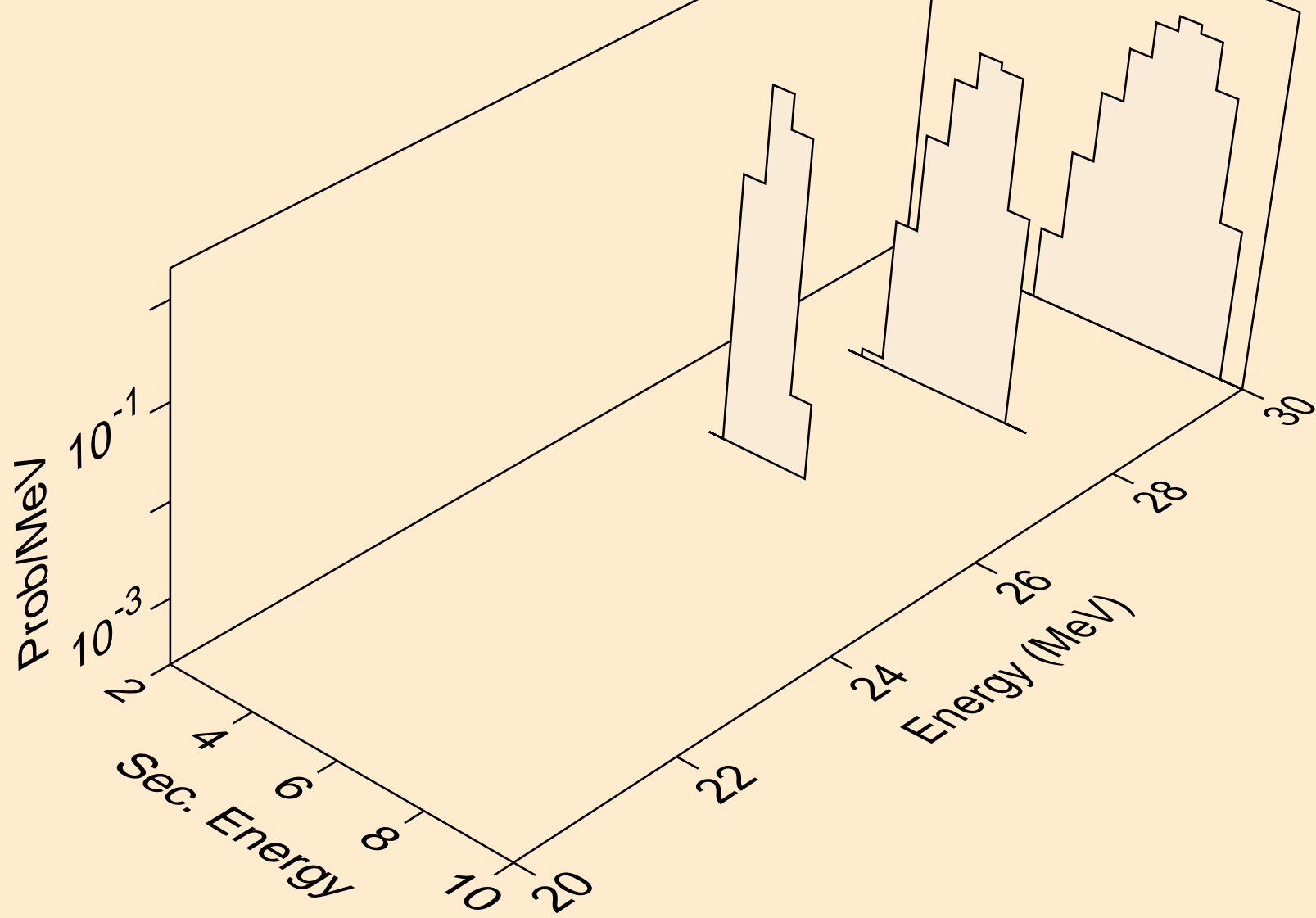
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



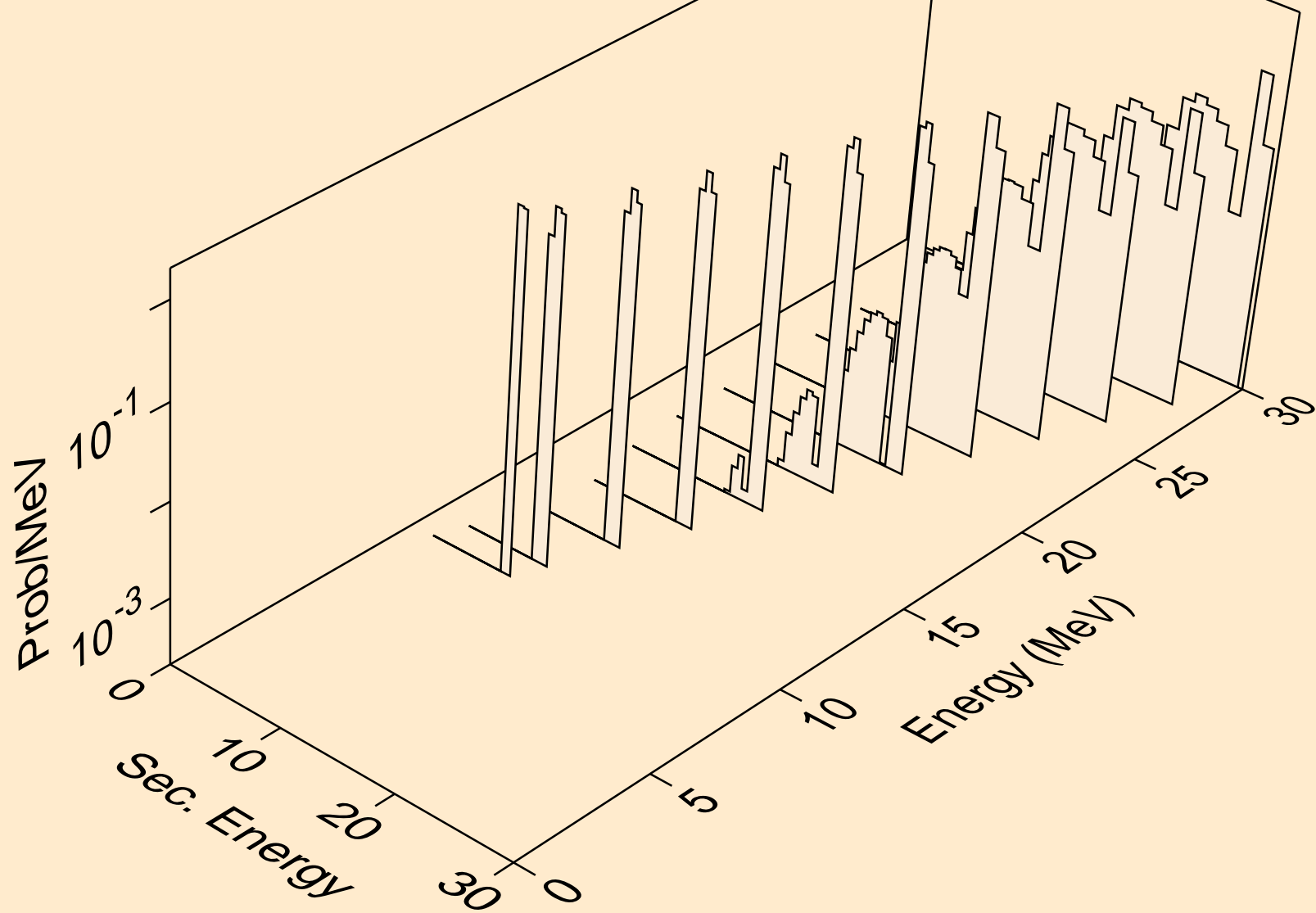
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



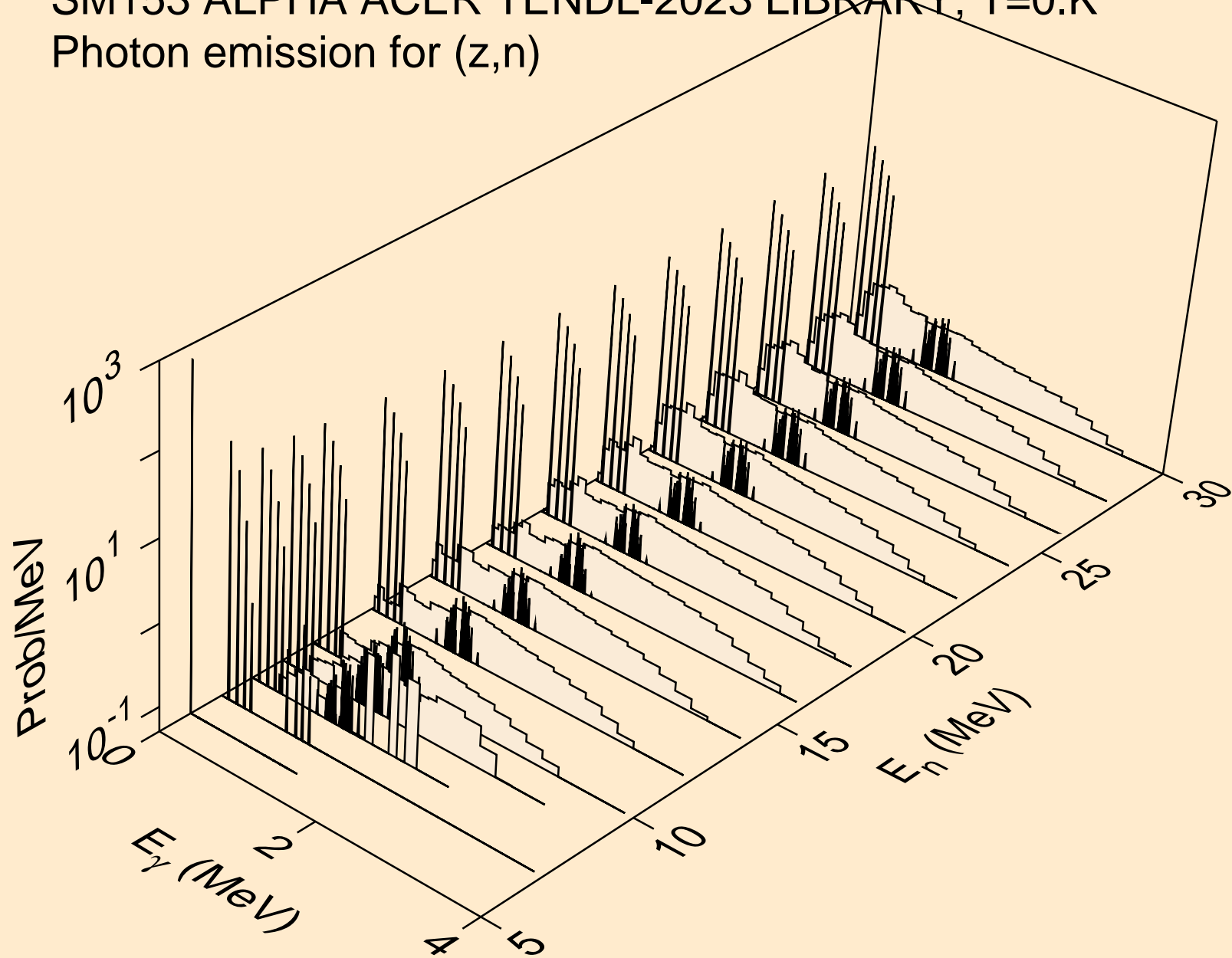
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



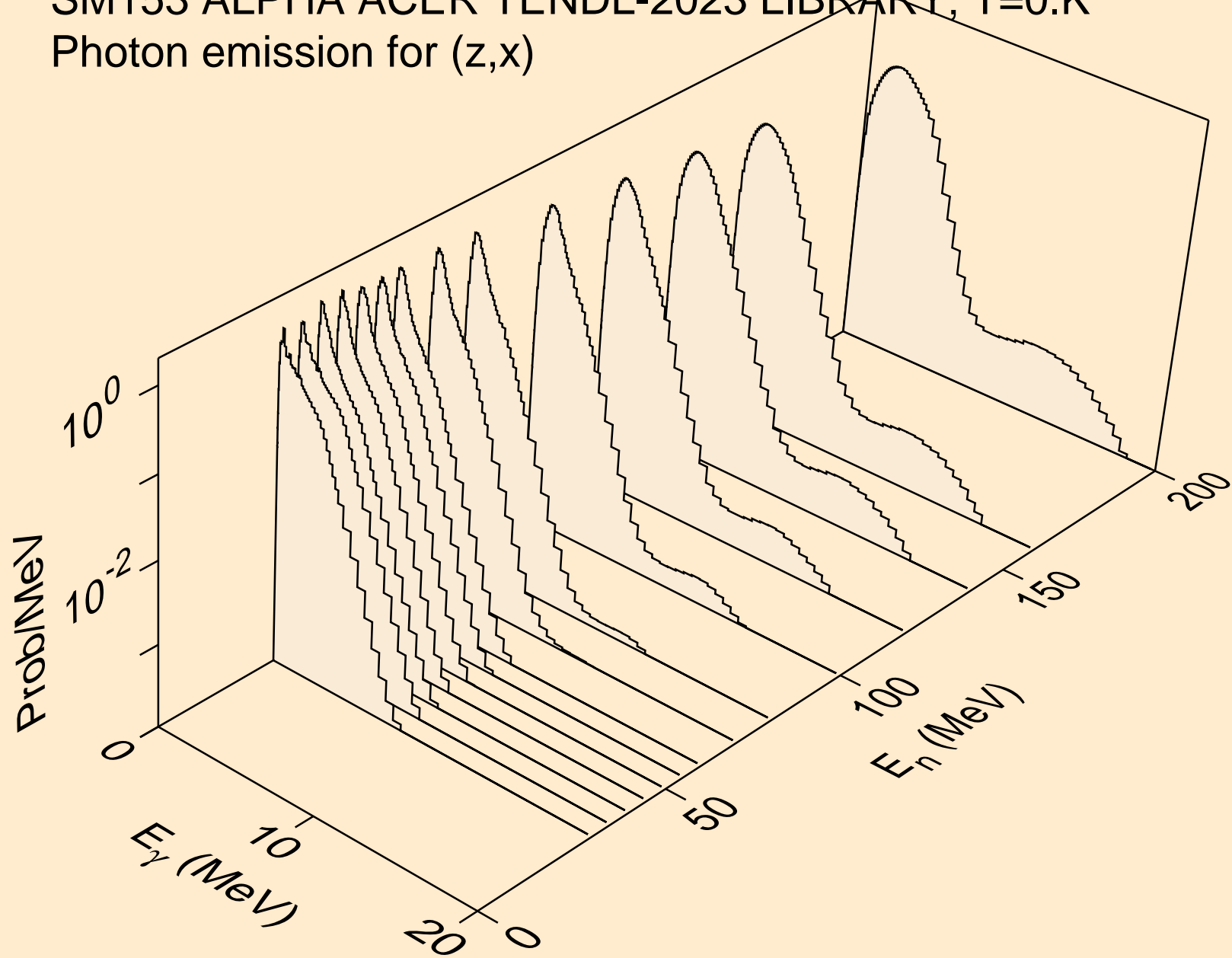
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



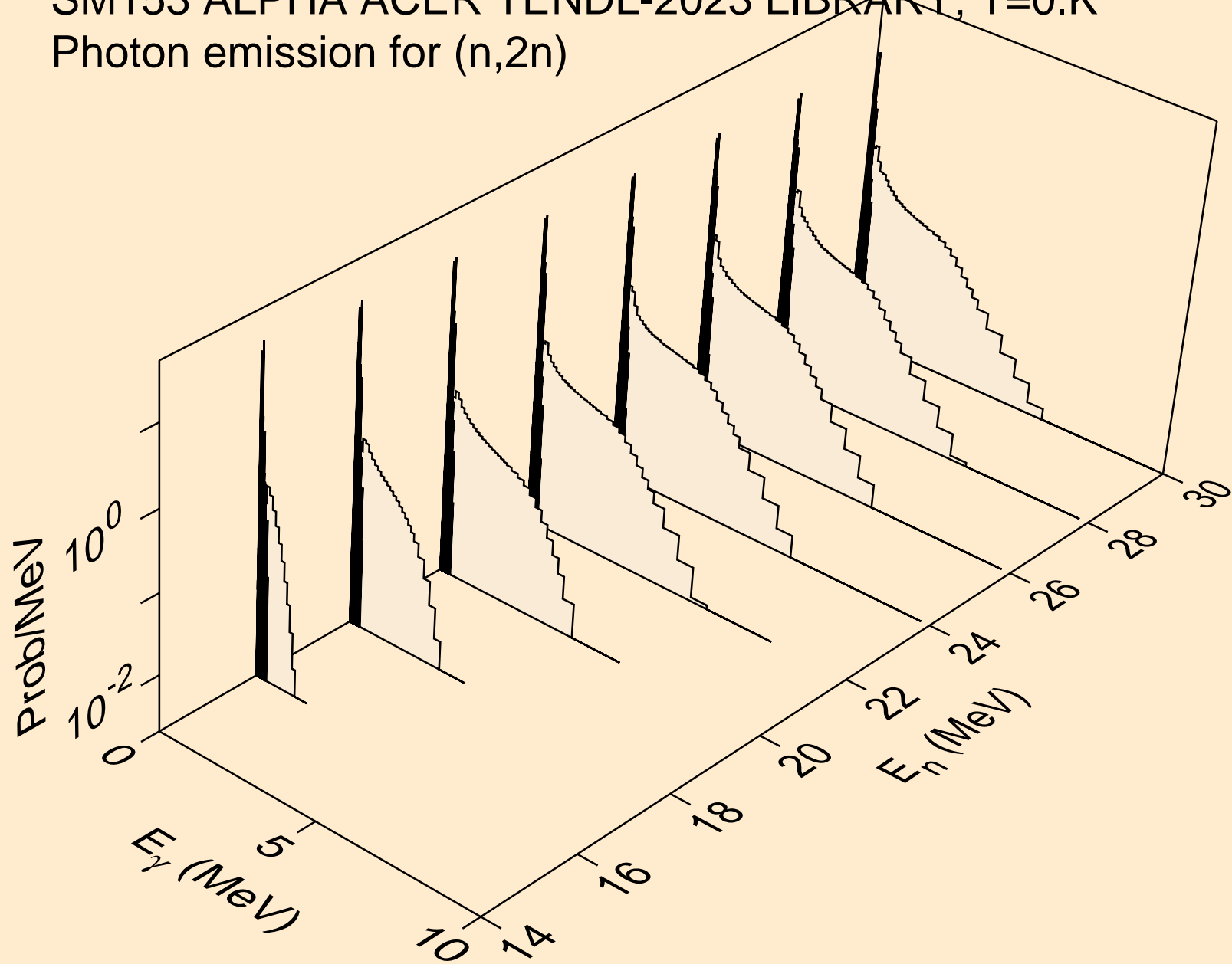
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)

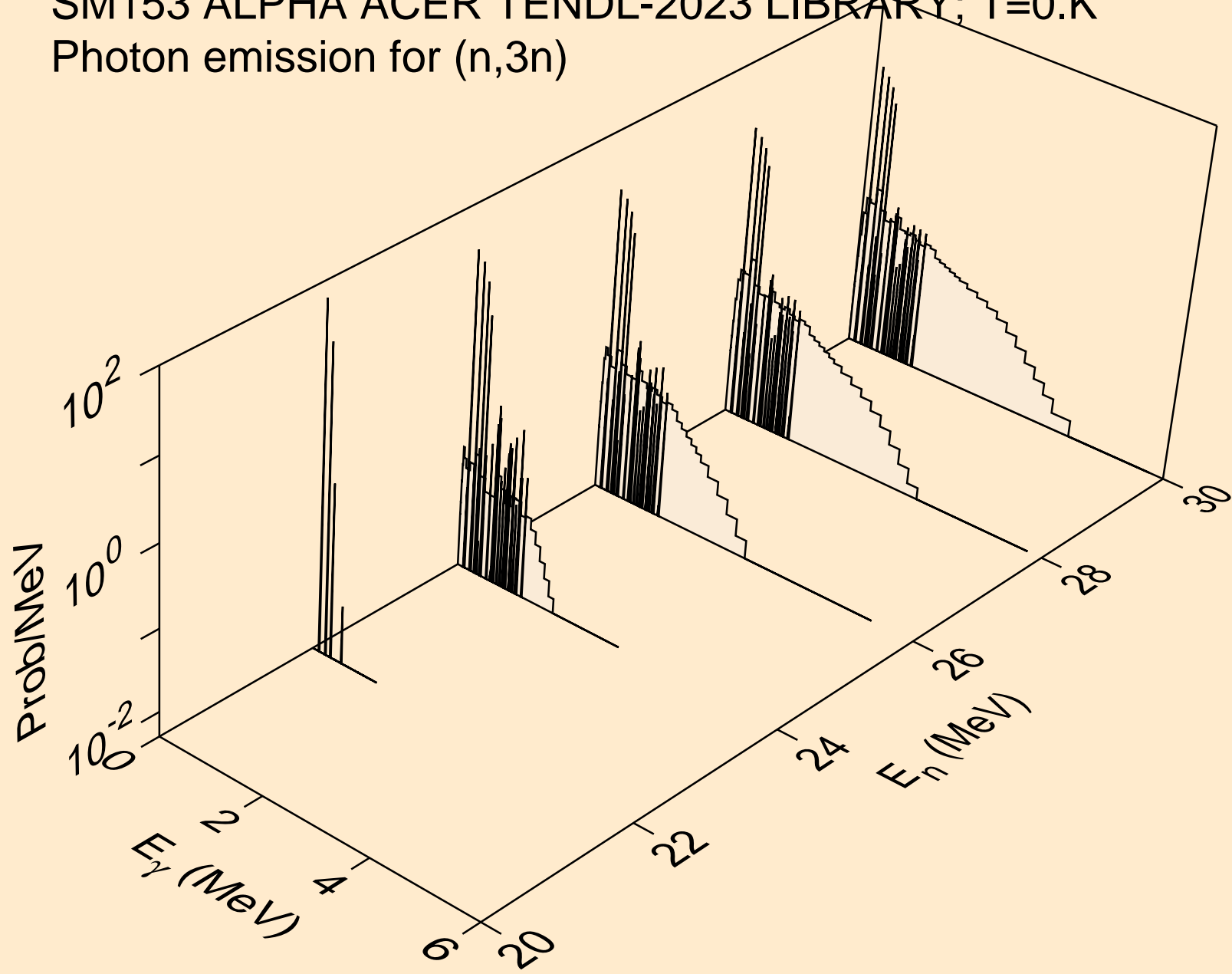


SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

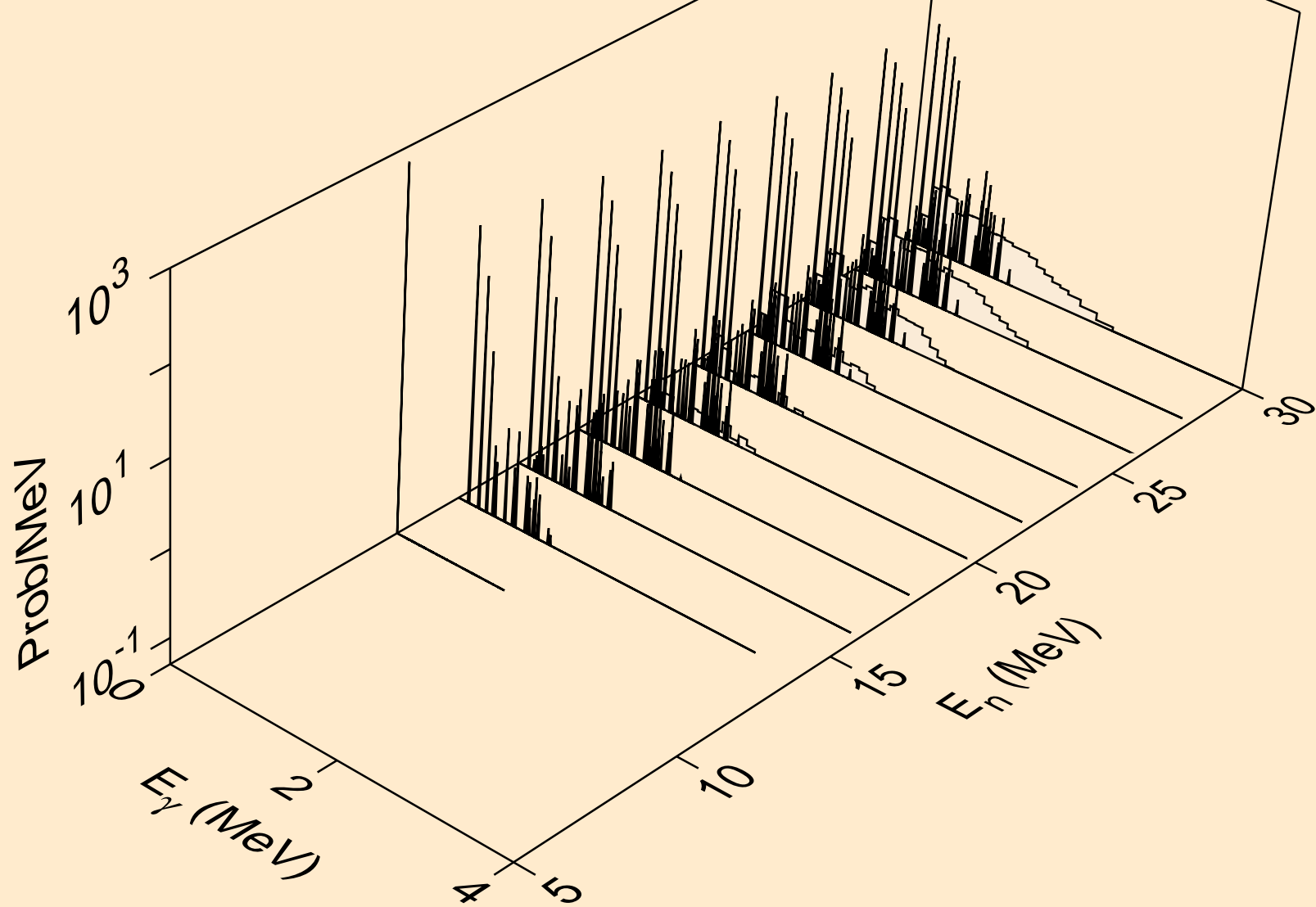




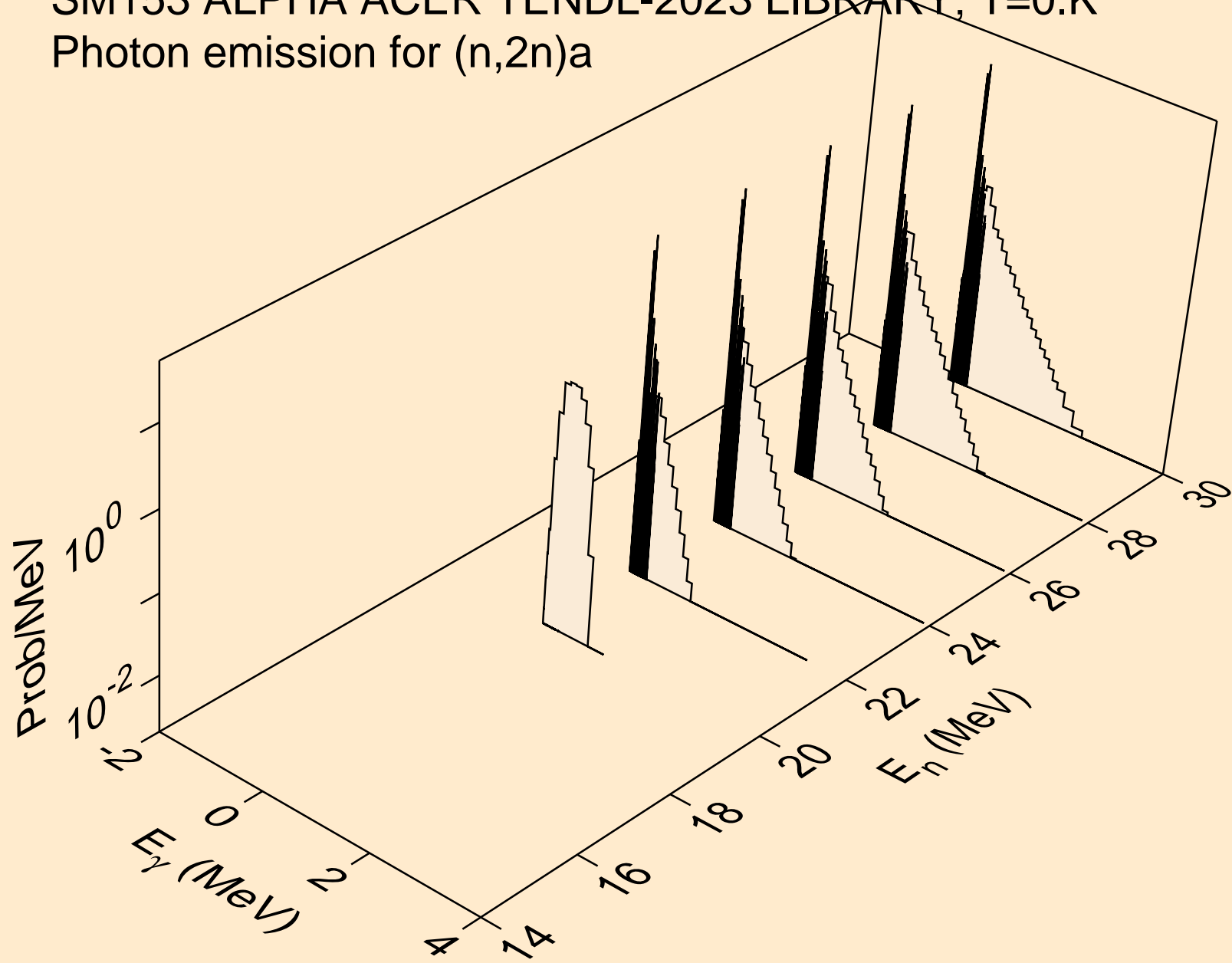
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



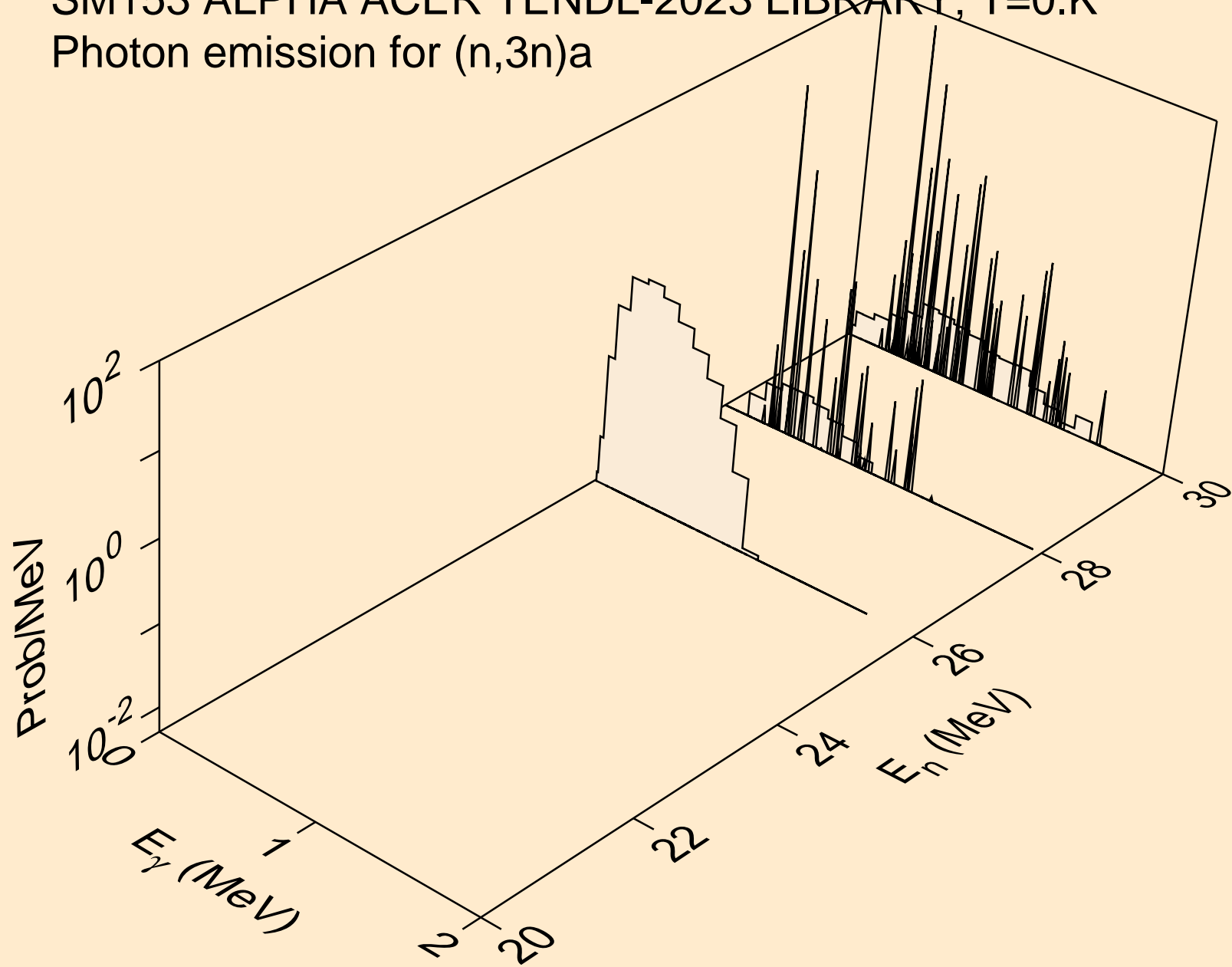
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



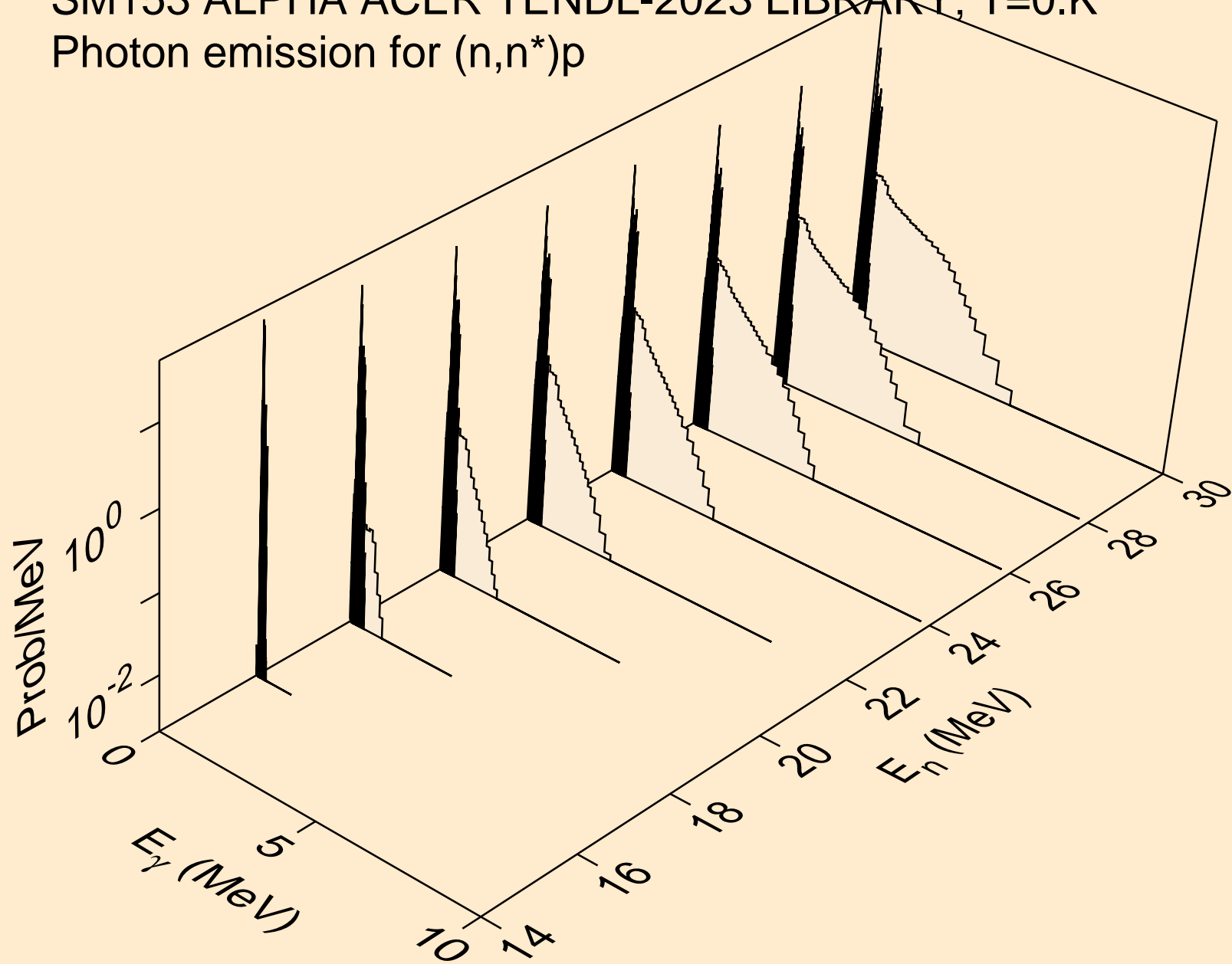
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



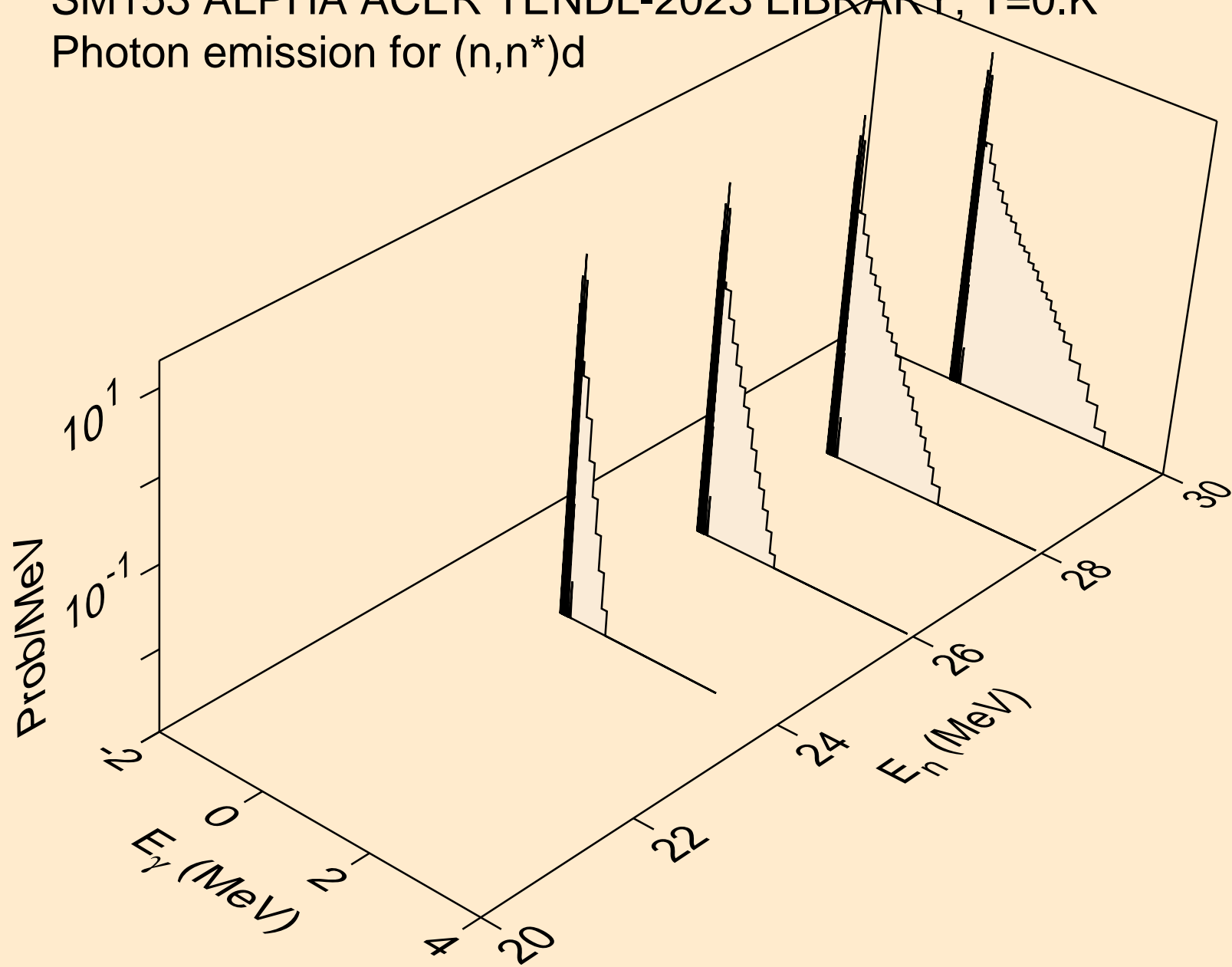
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



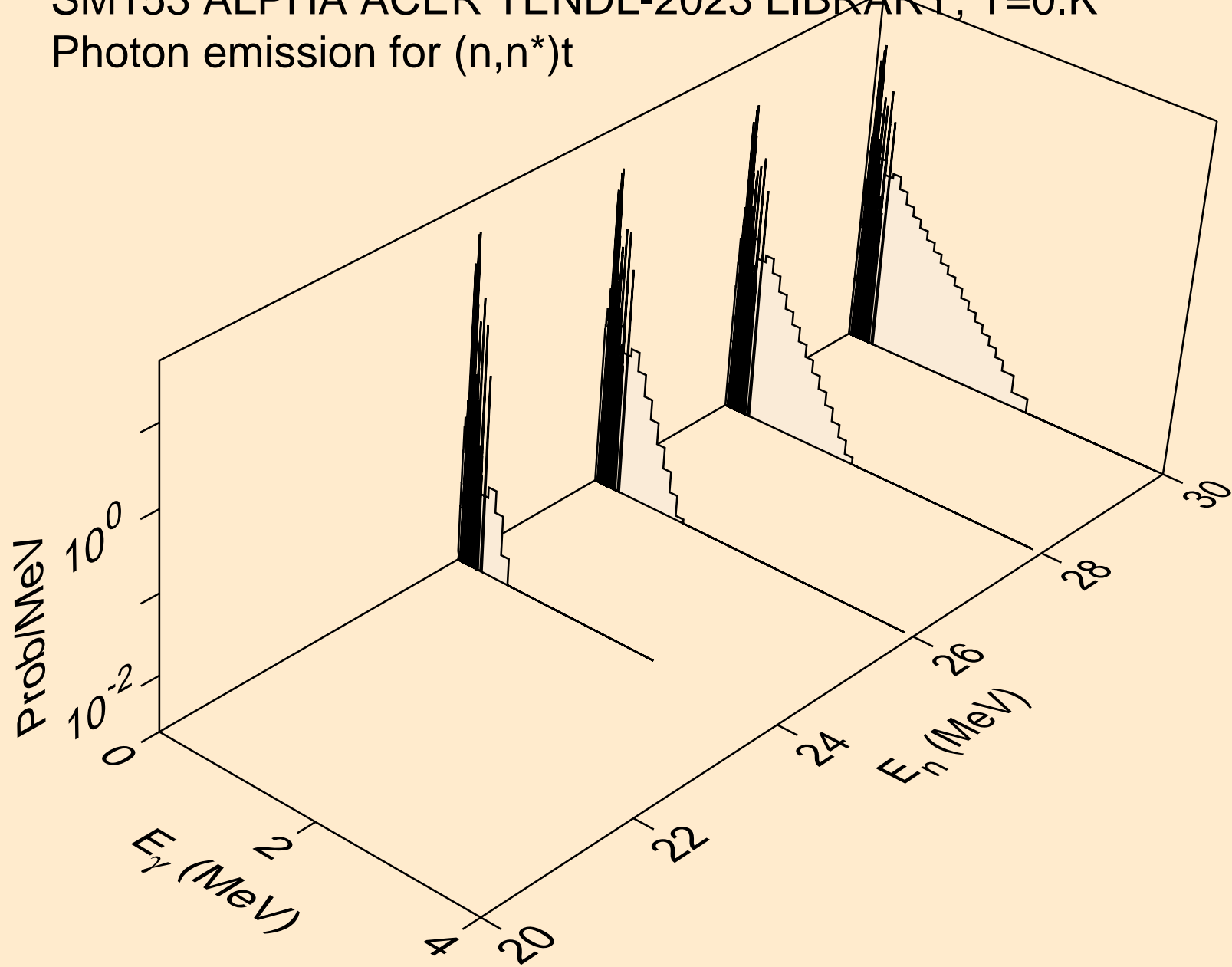
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



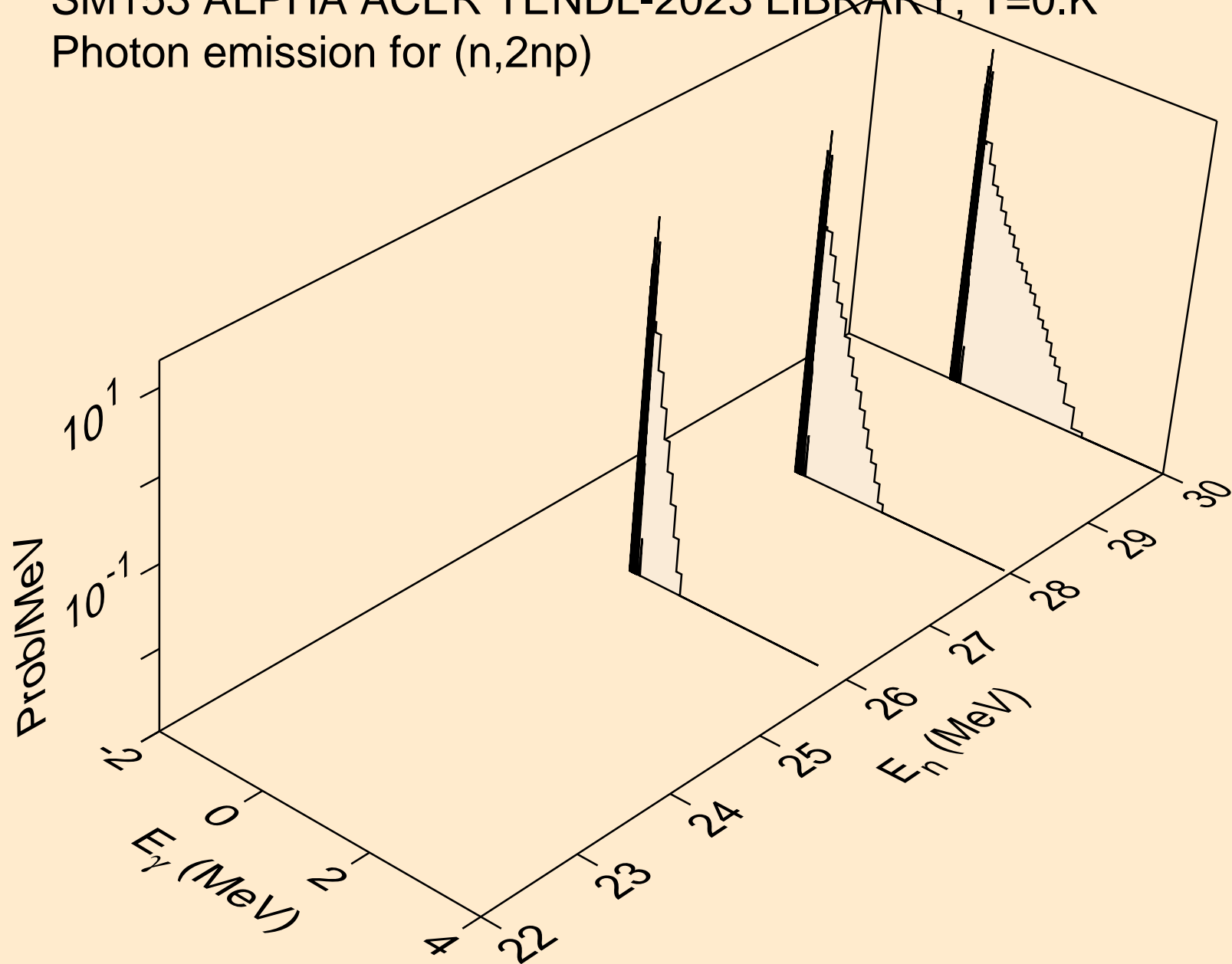
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

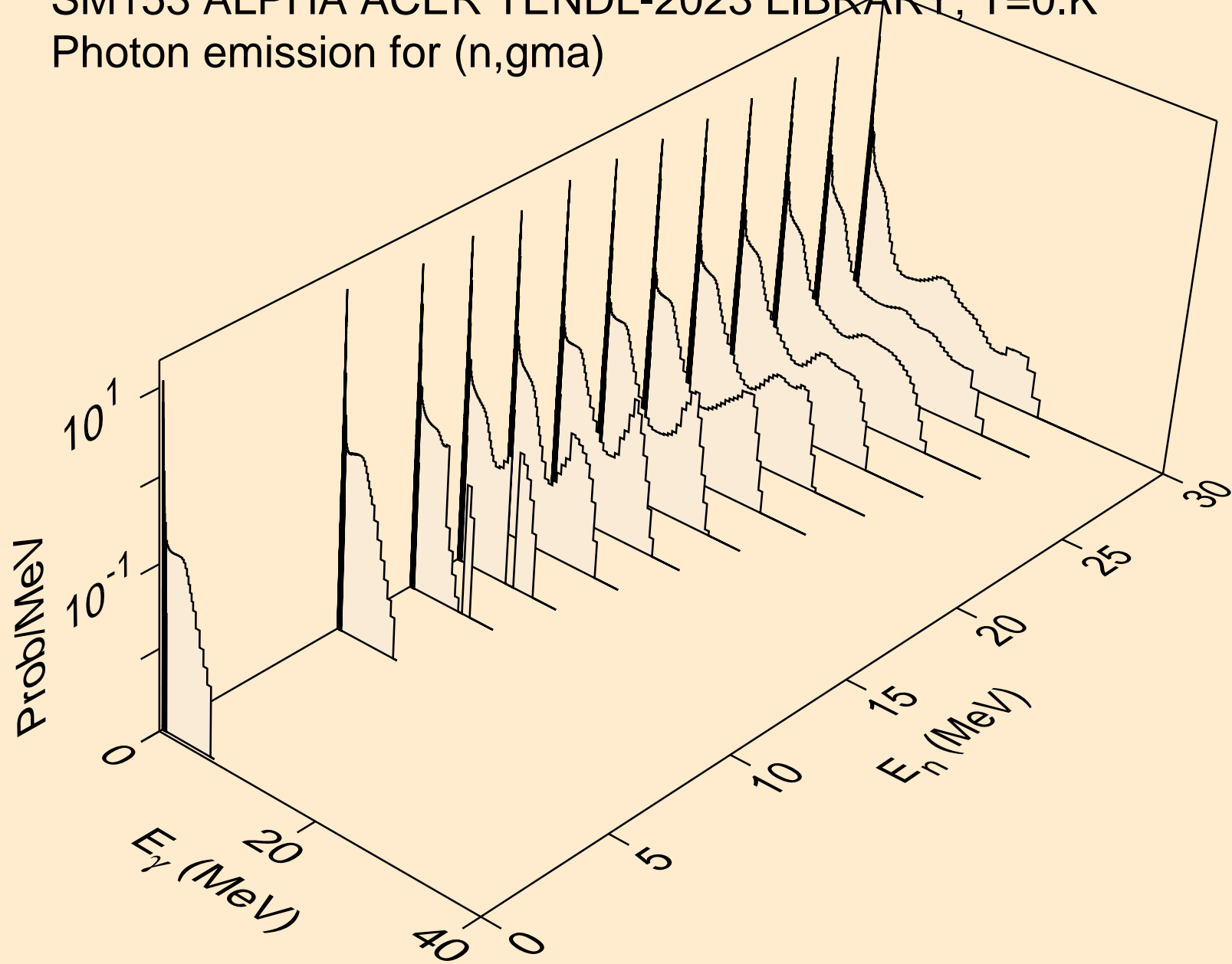


SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

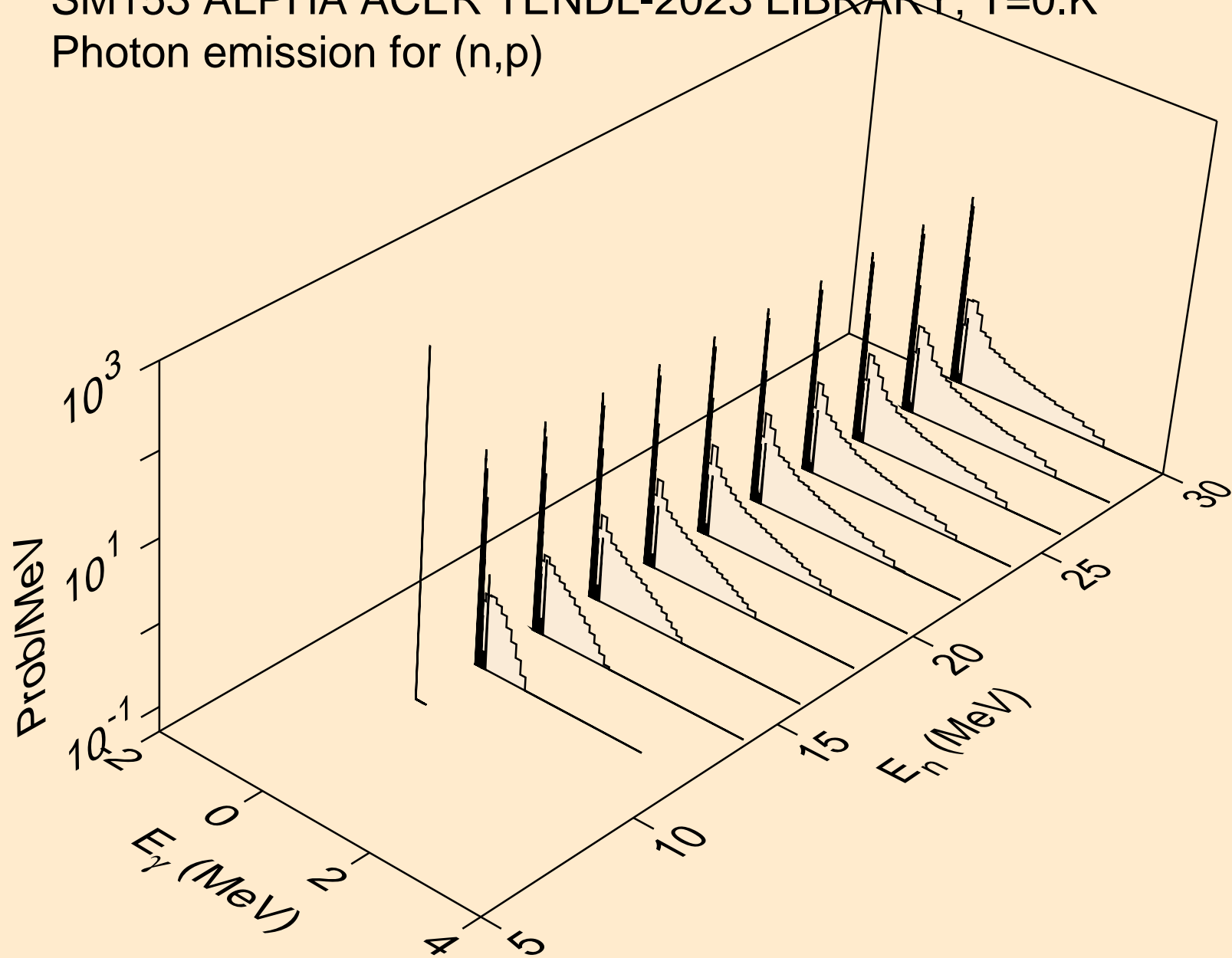




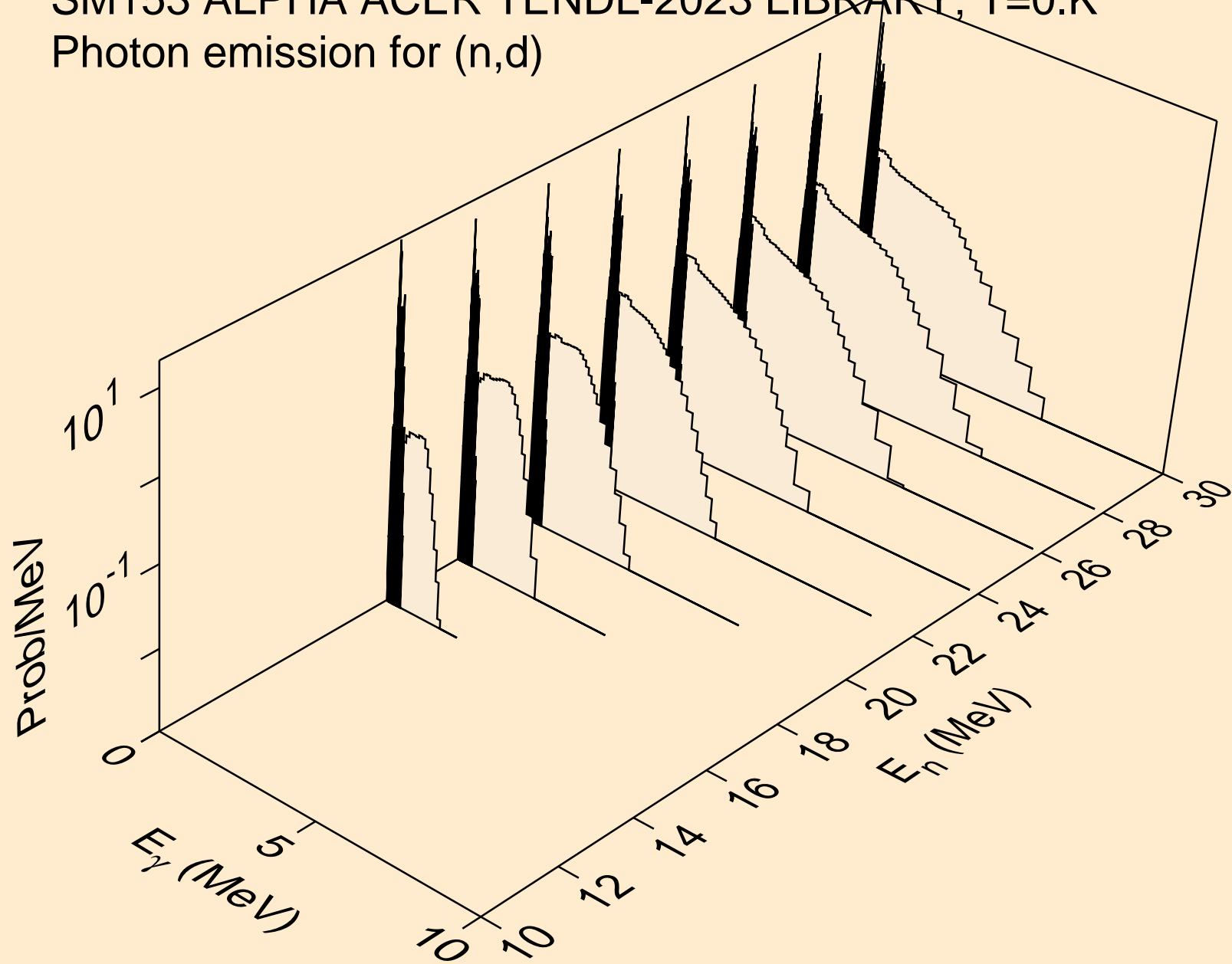
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



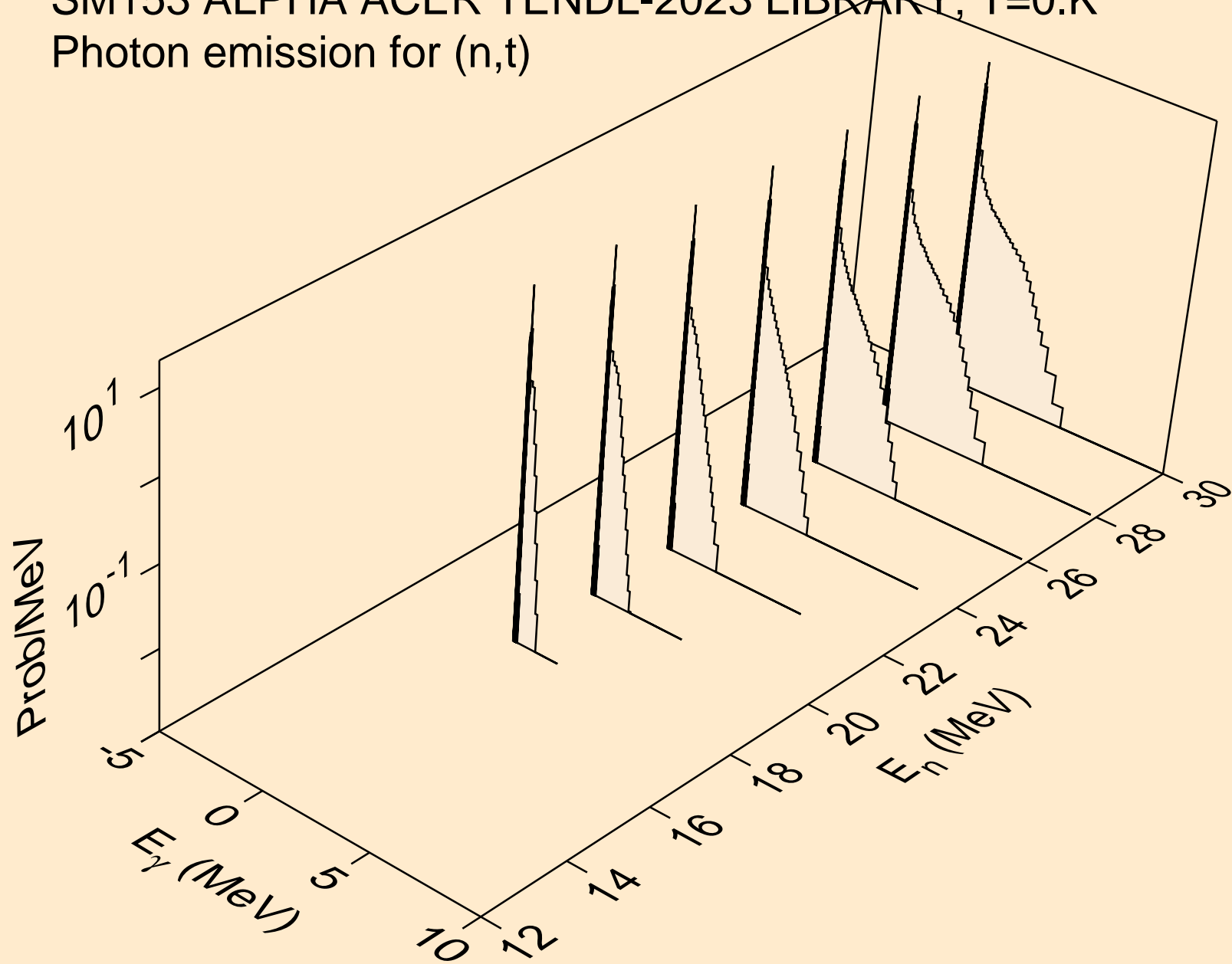
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



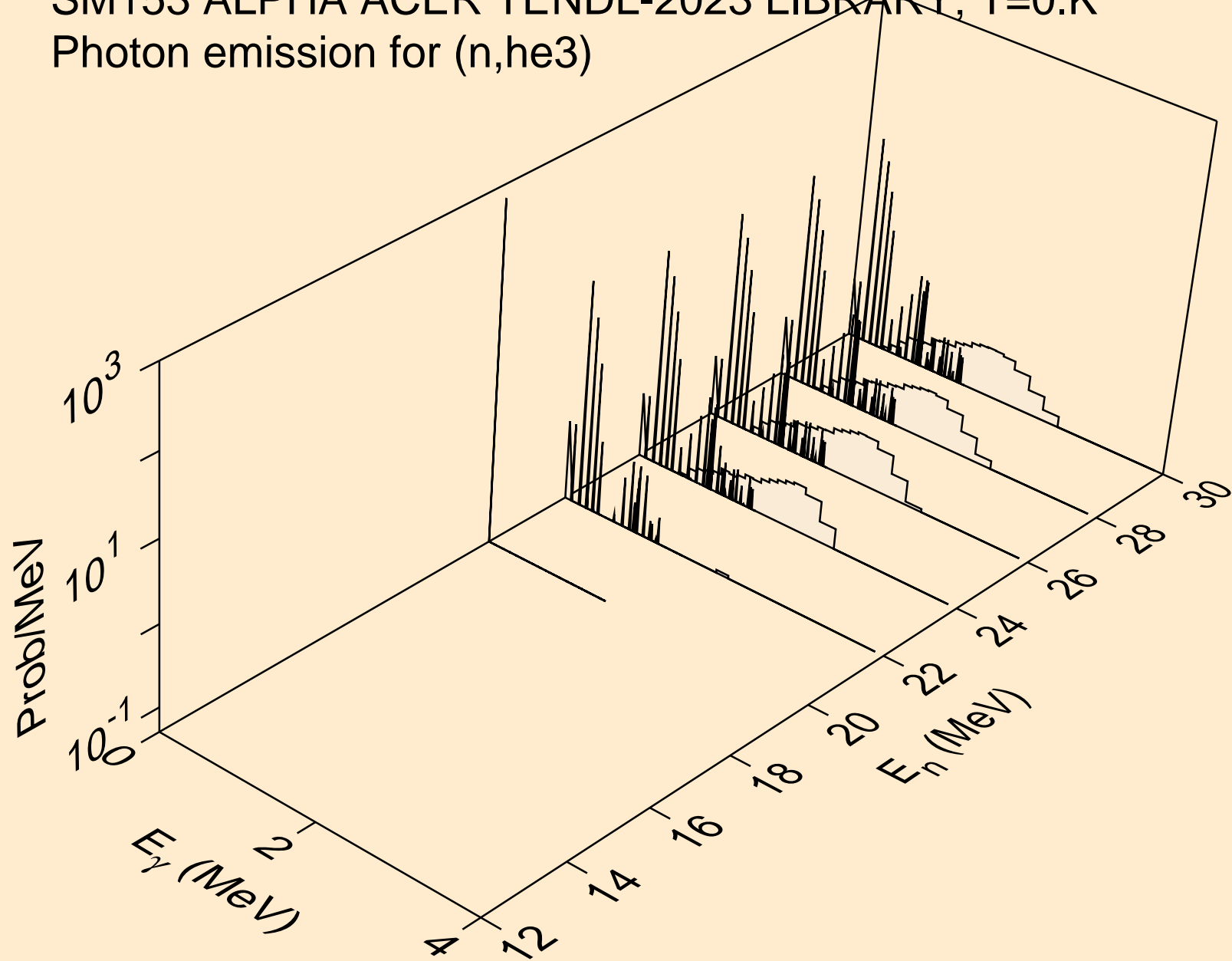
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



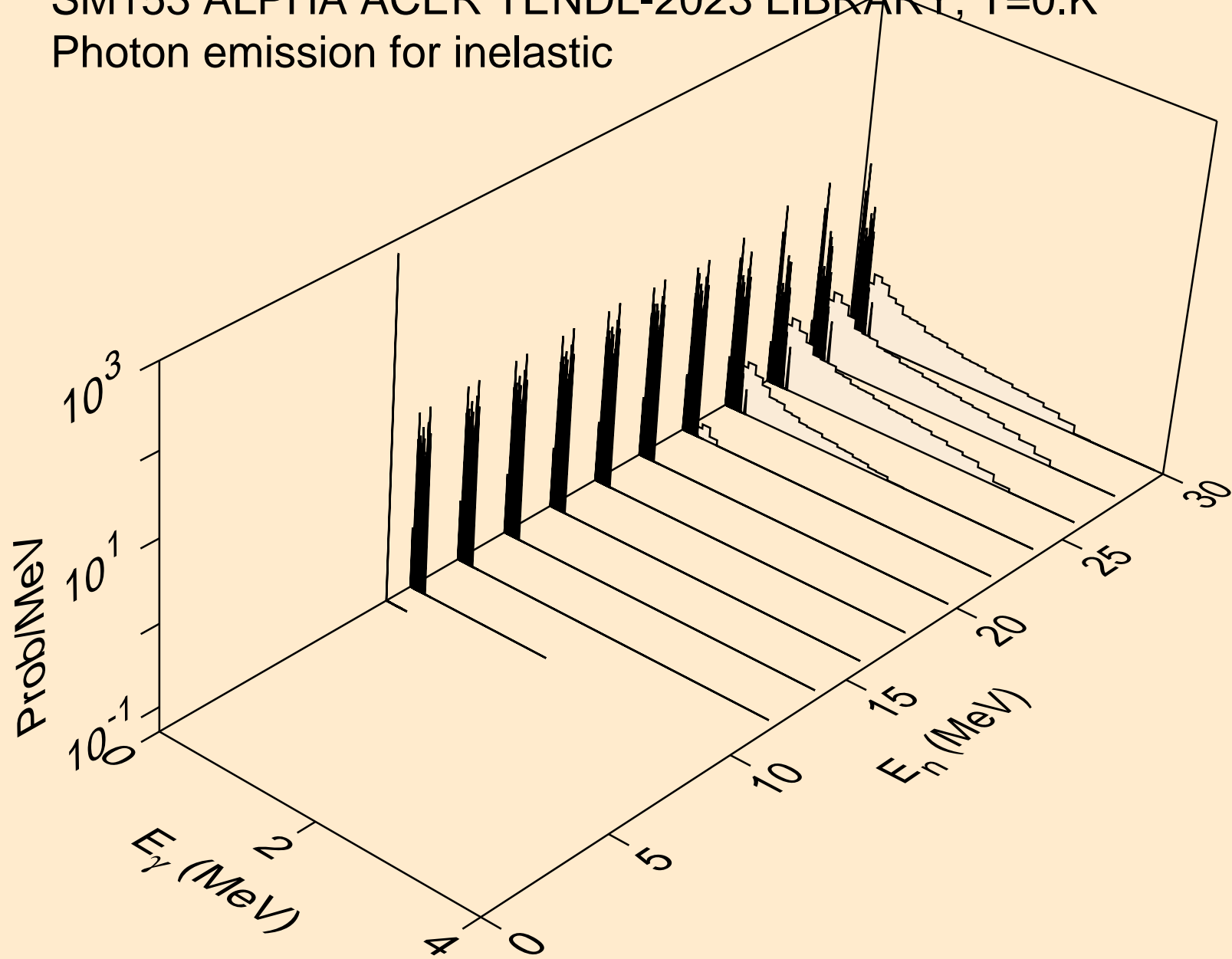
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



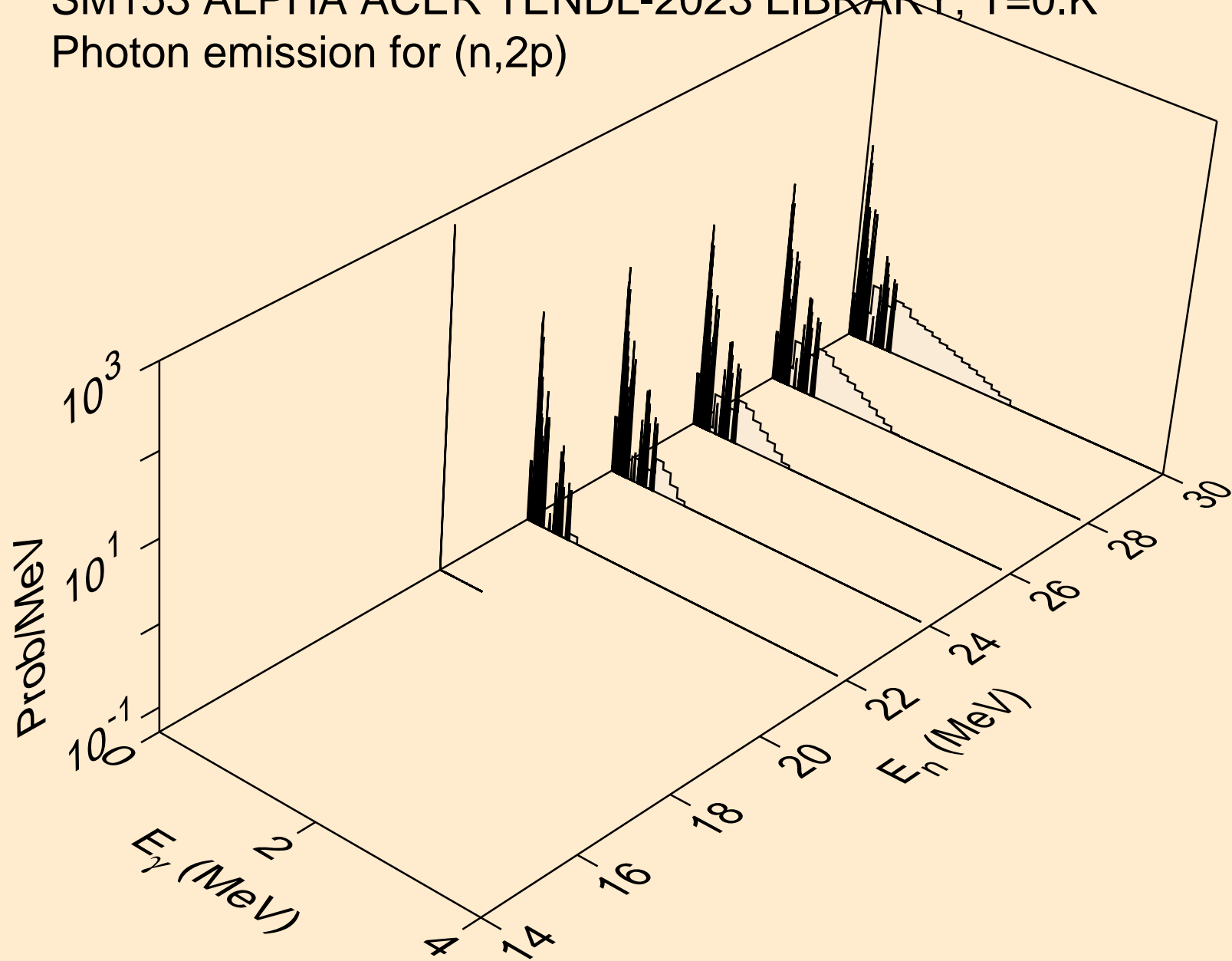
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



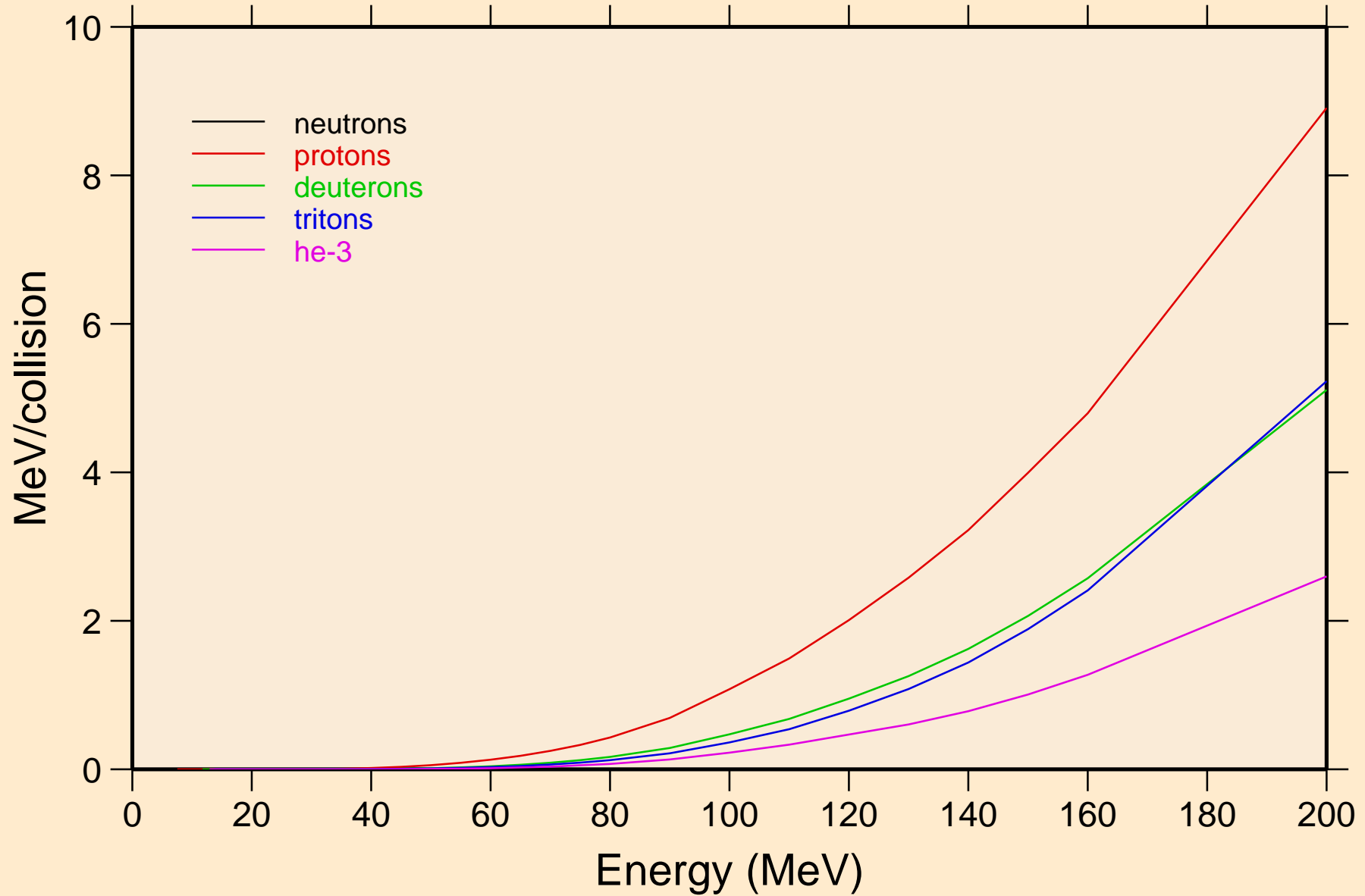
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



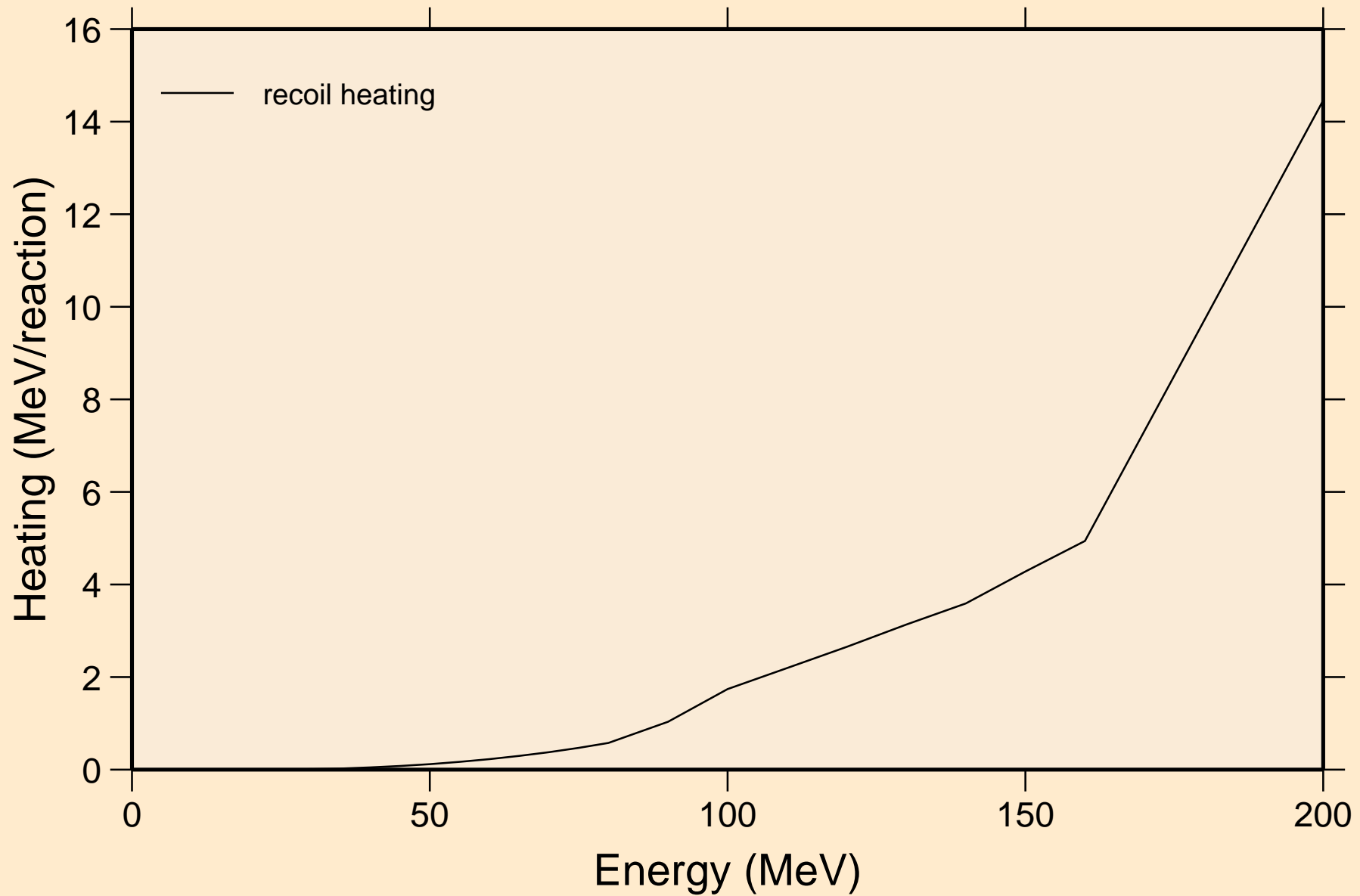
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



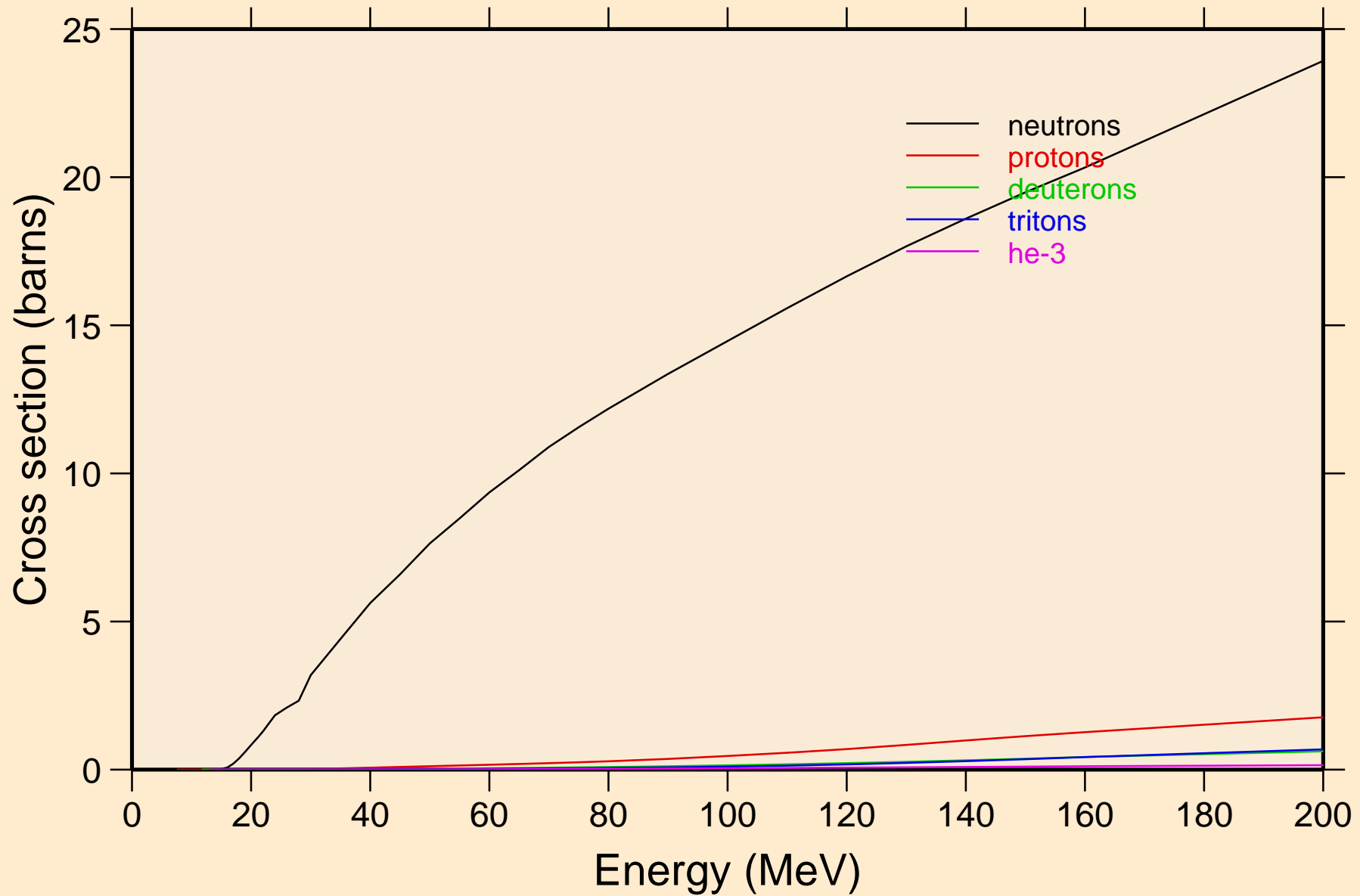


# SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

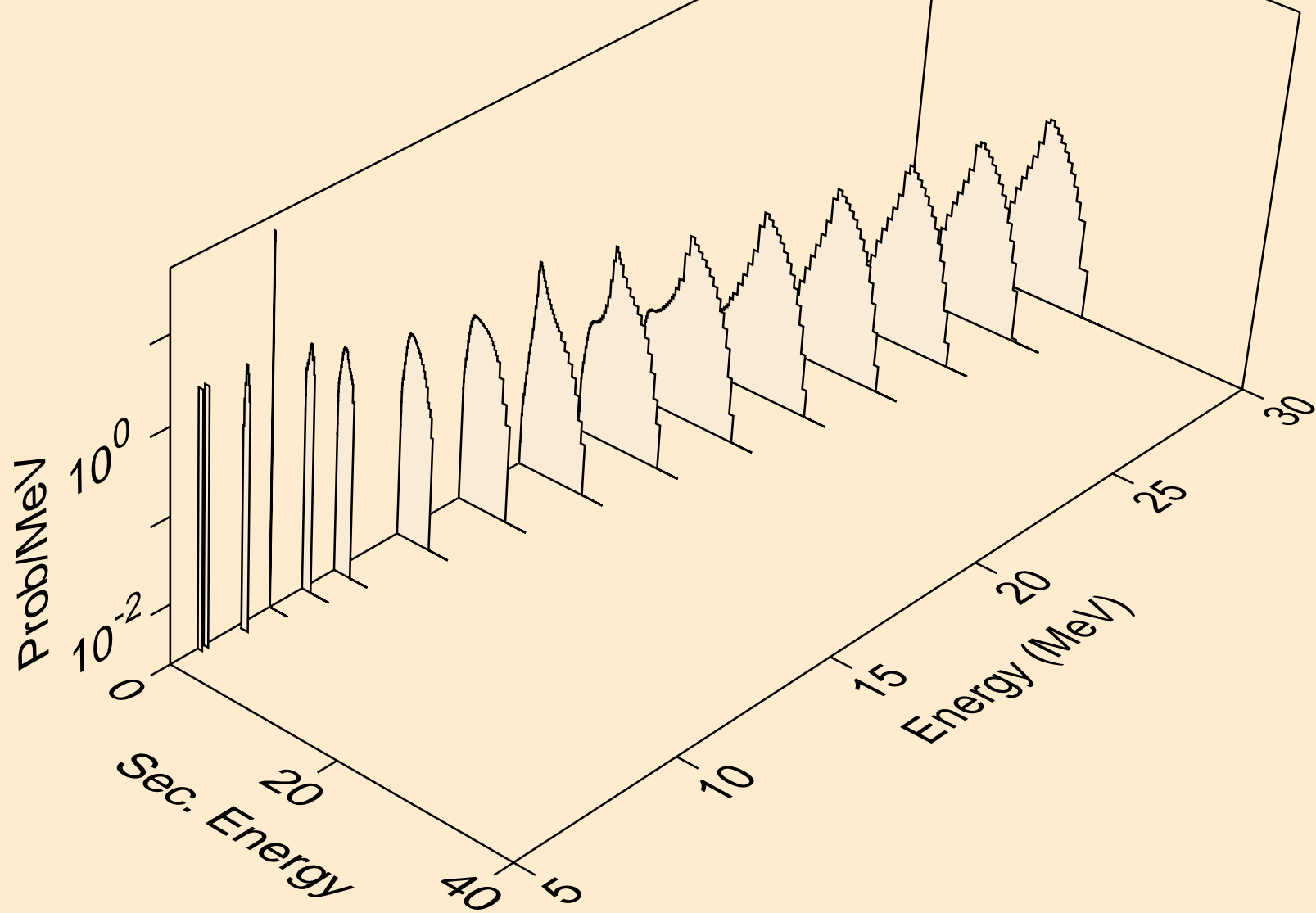
## Recoil Heating



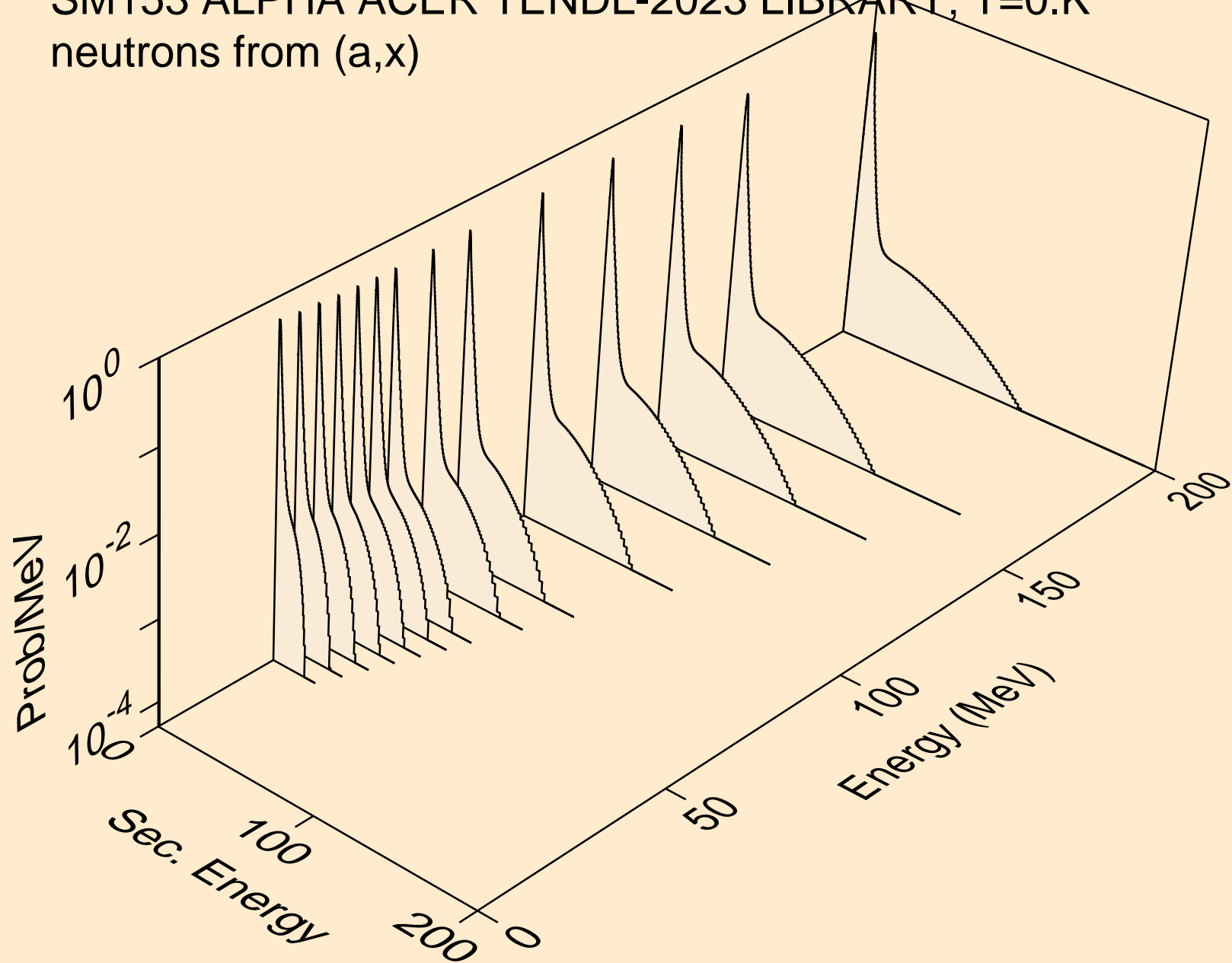
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



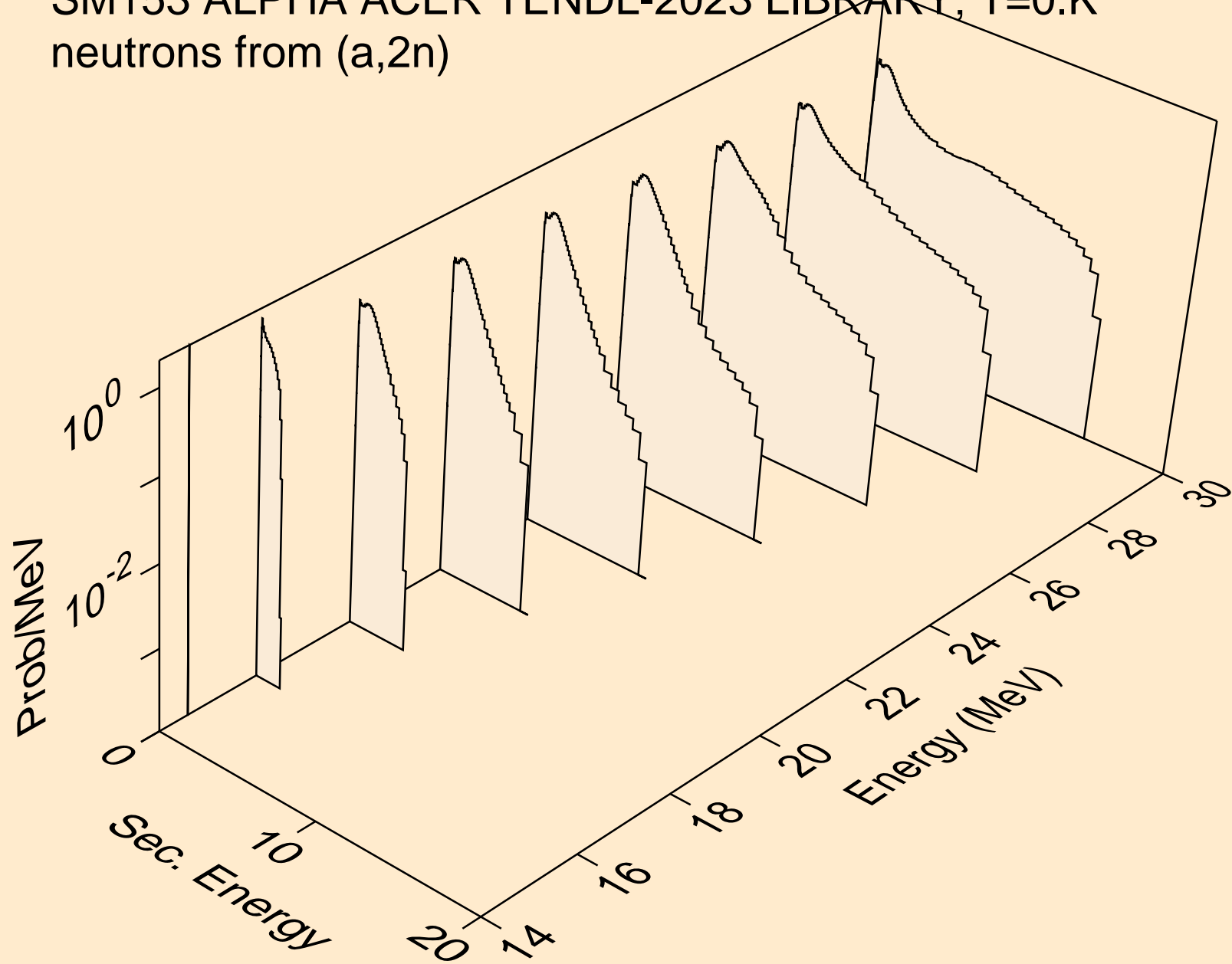
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



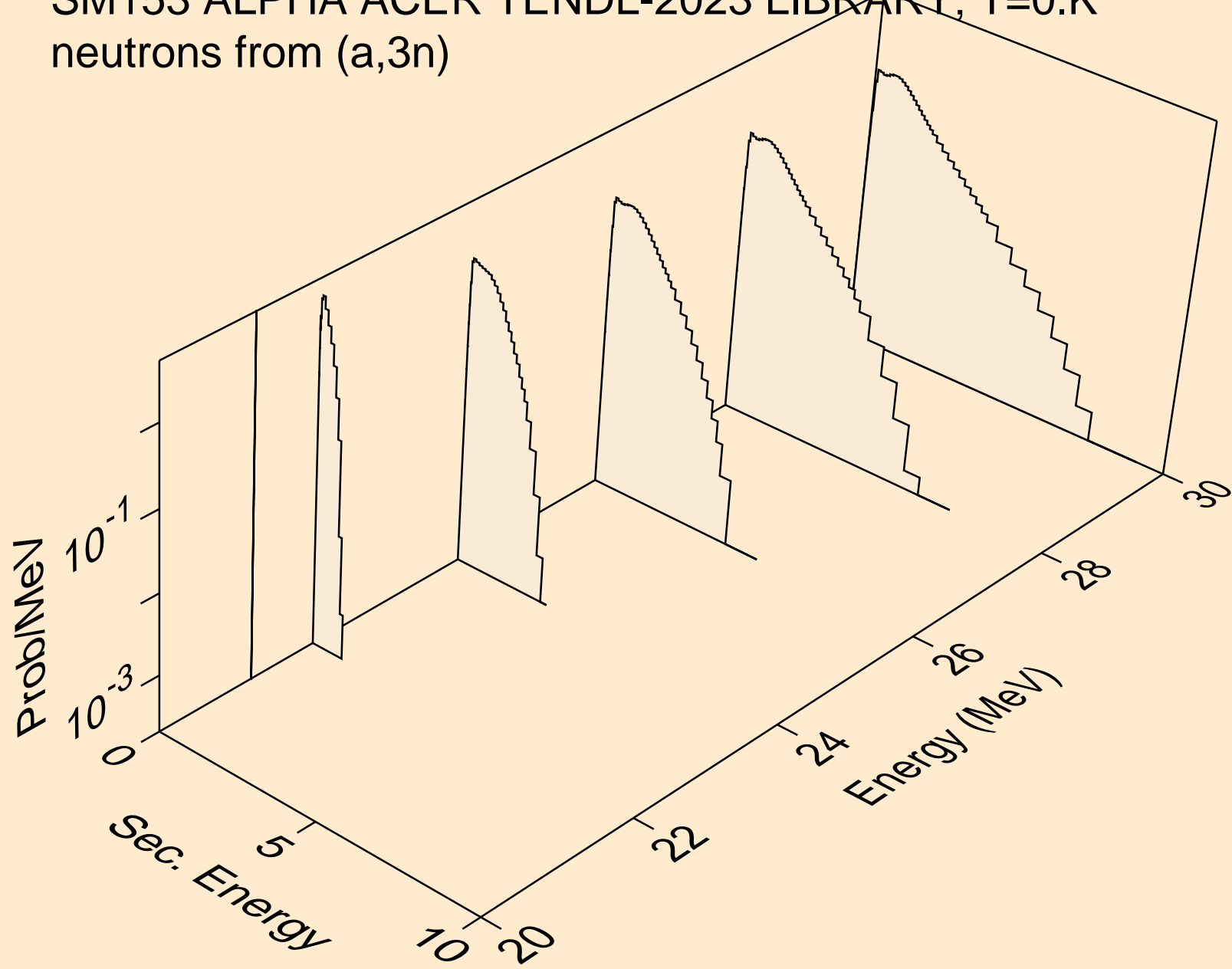
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



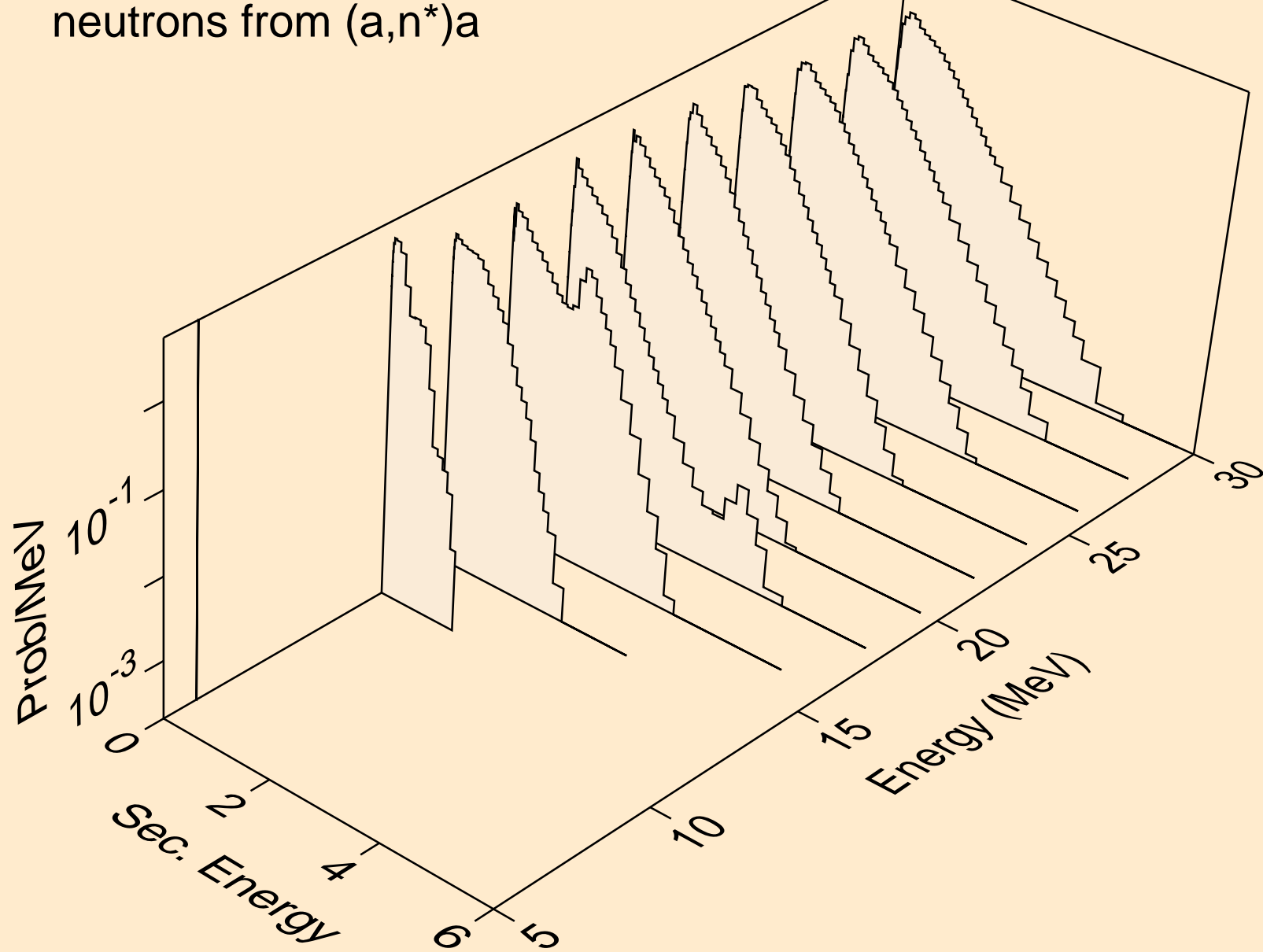
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



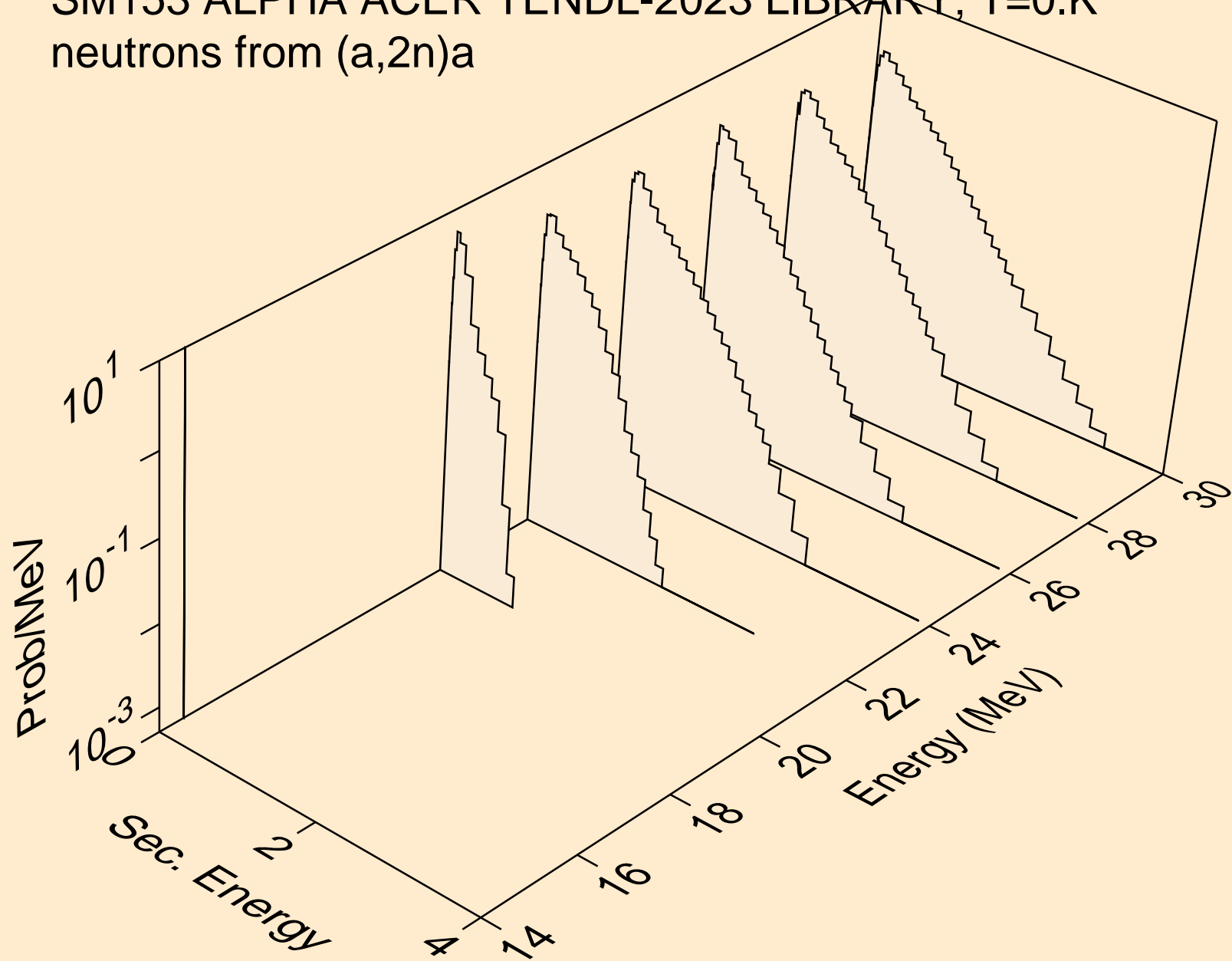
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a

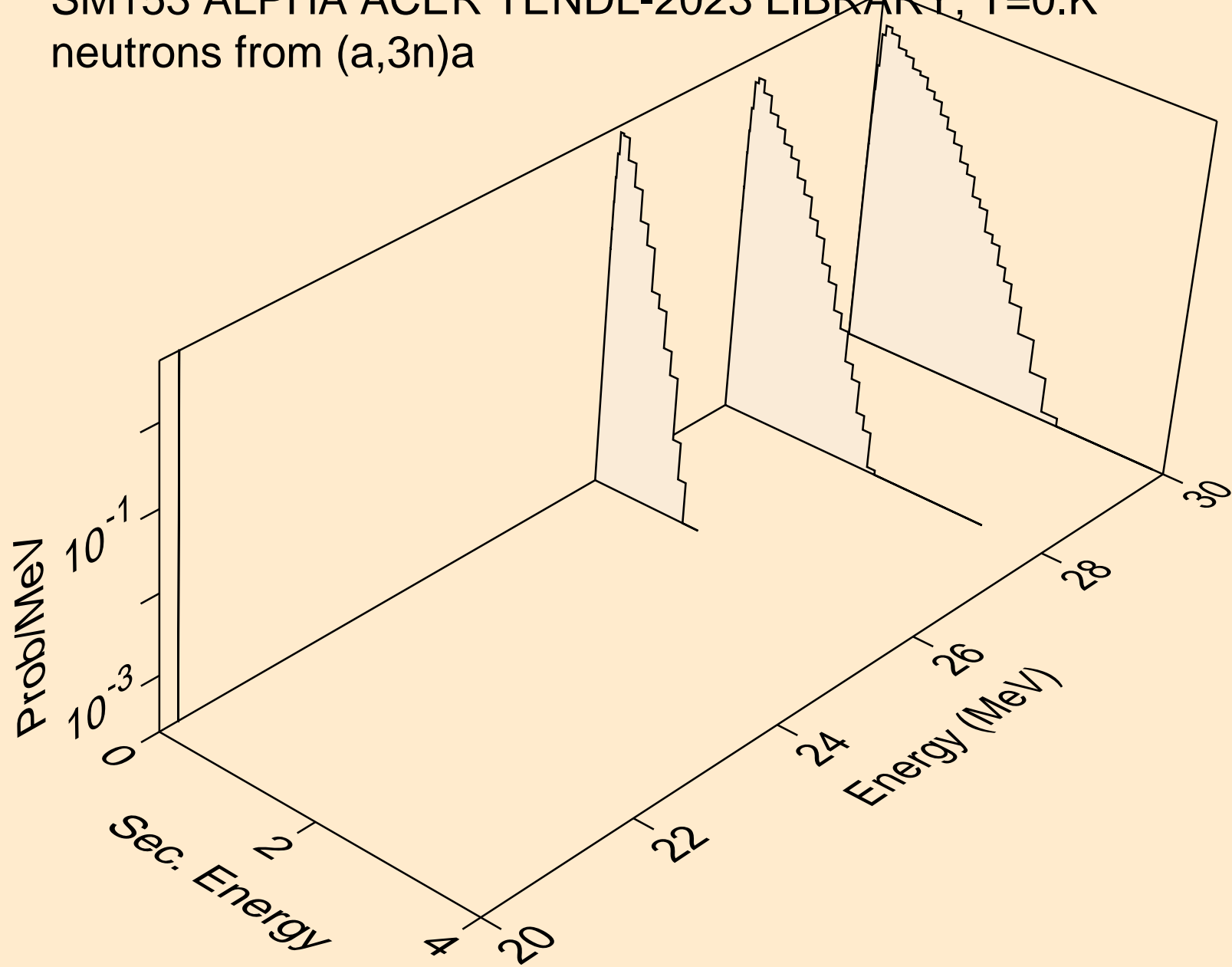


SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a

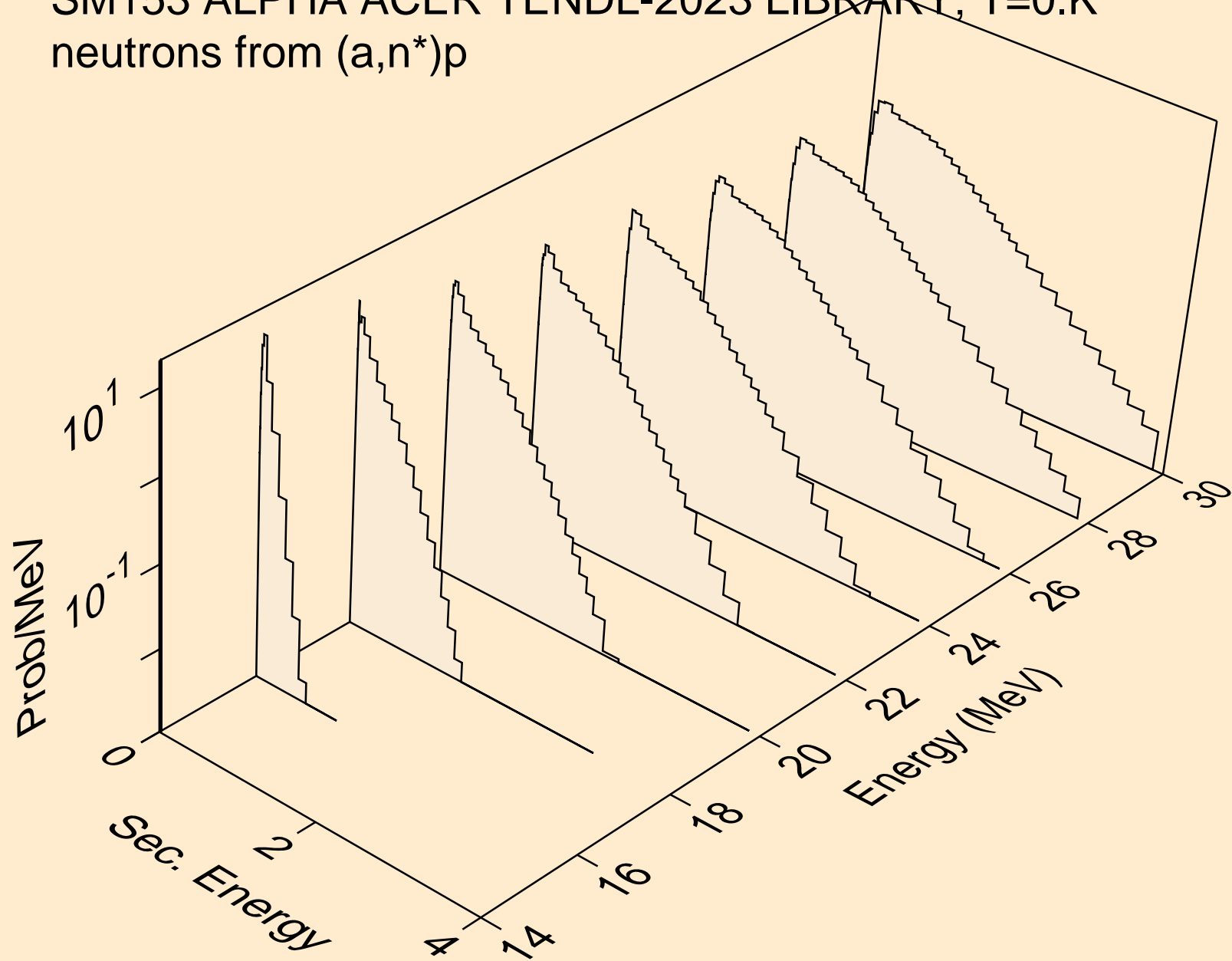




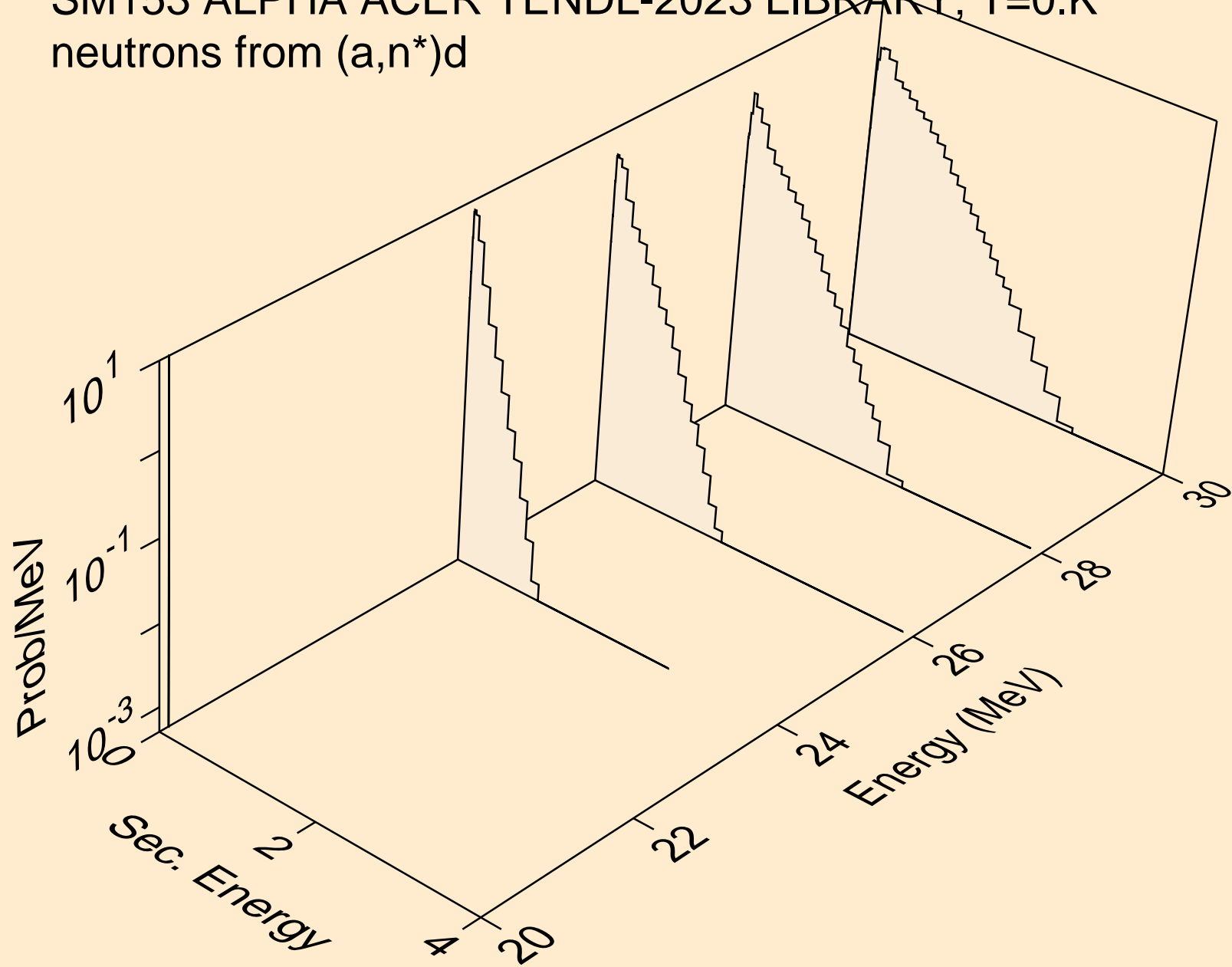
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)a



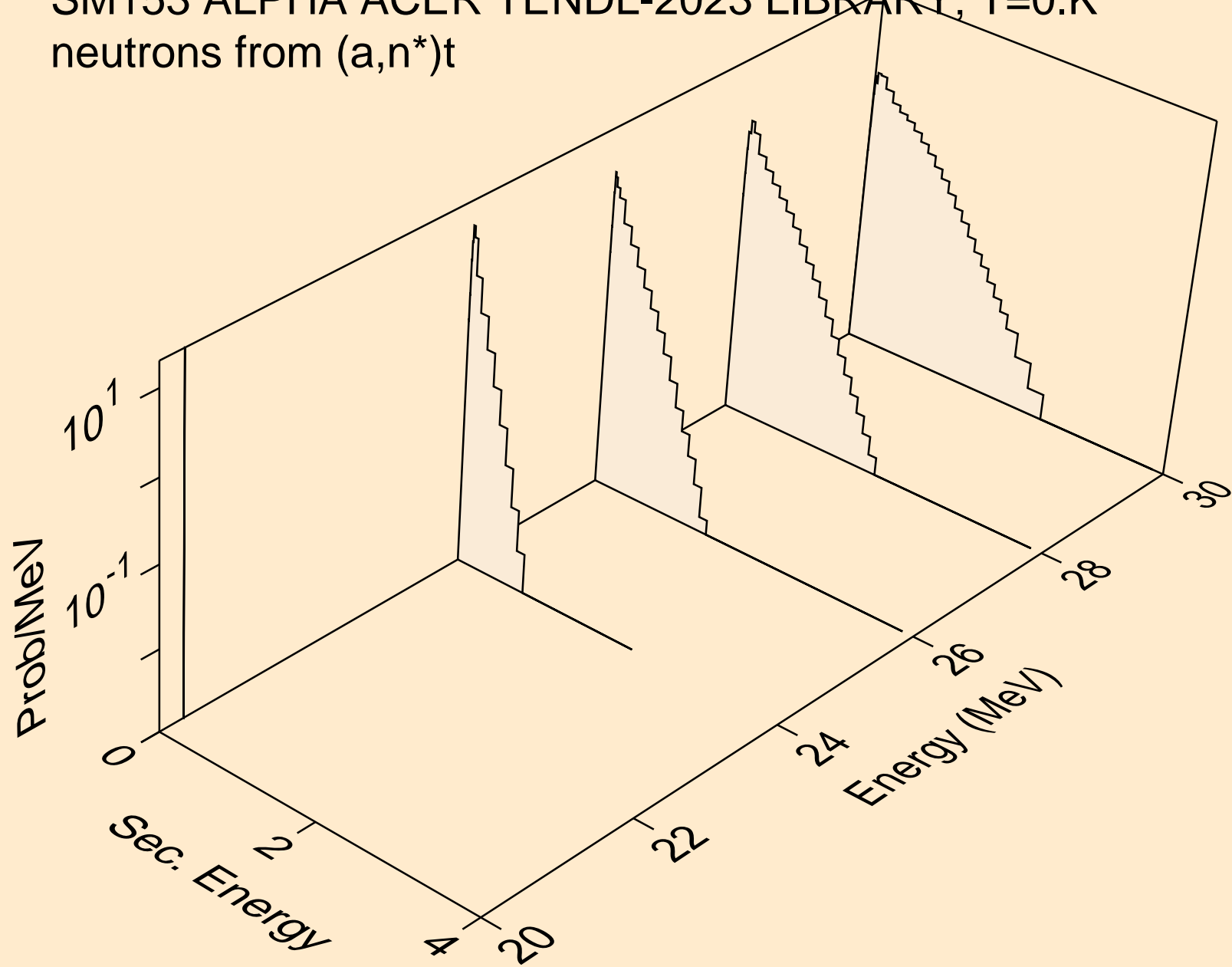
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



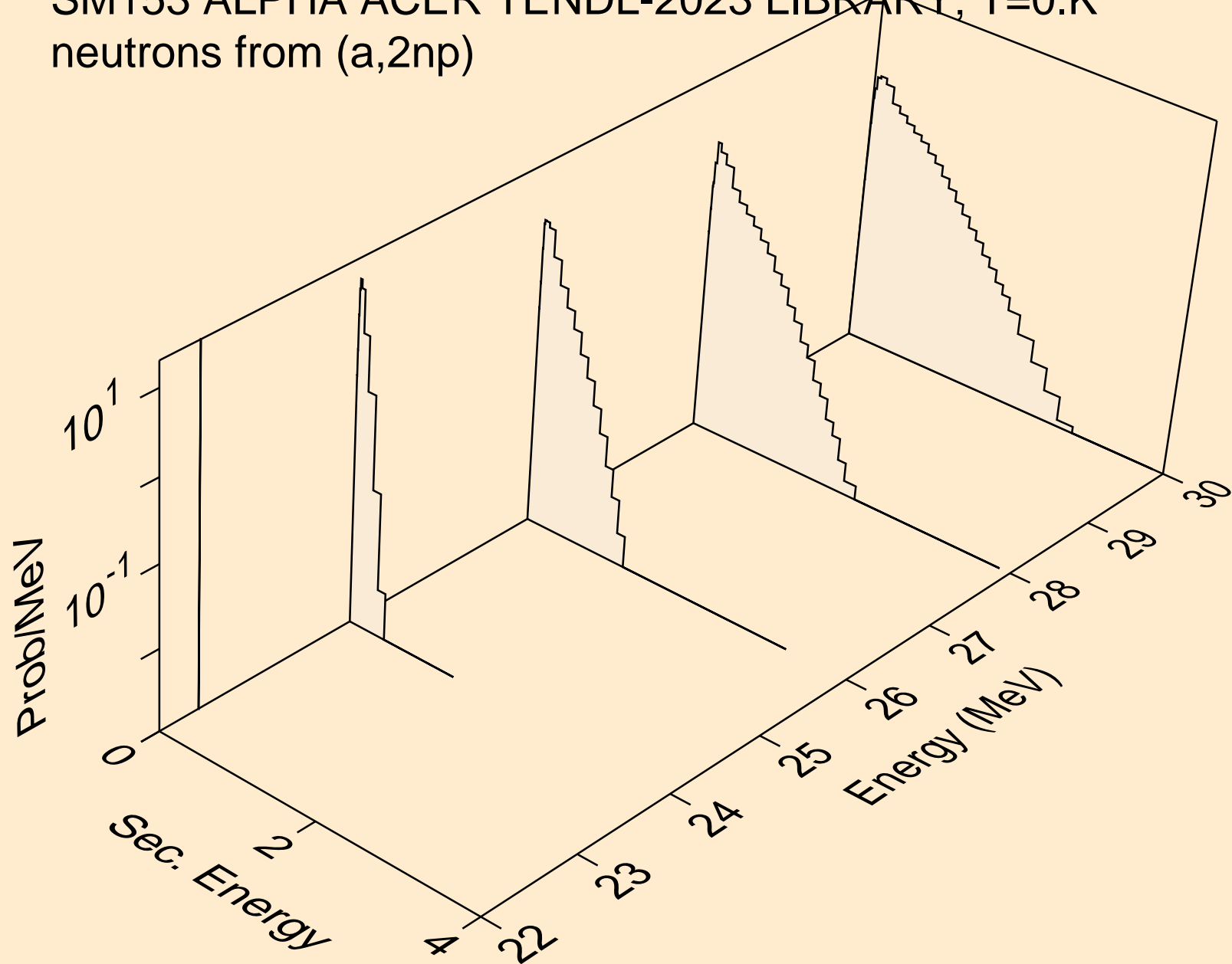
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



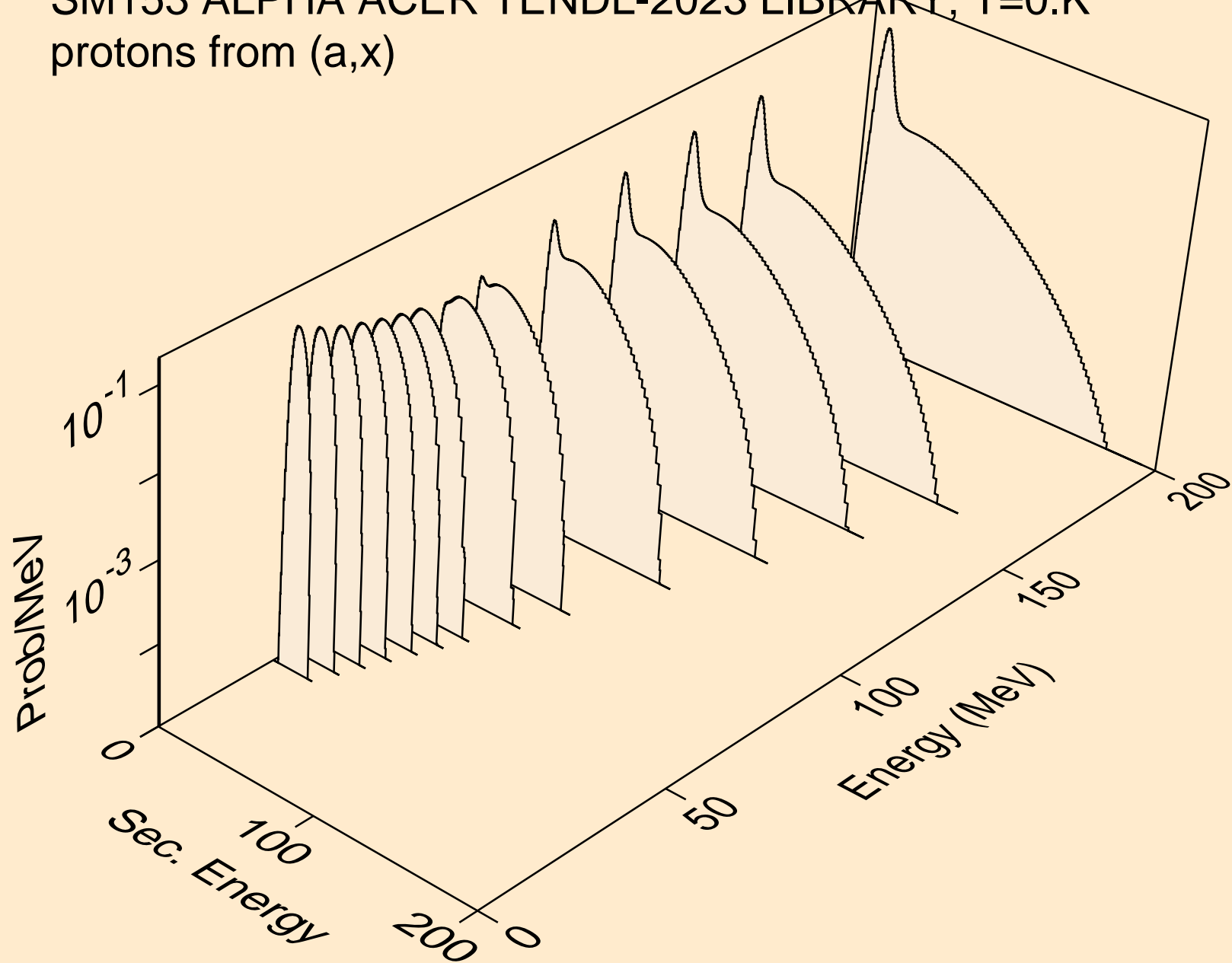
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



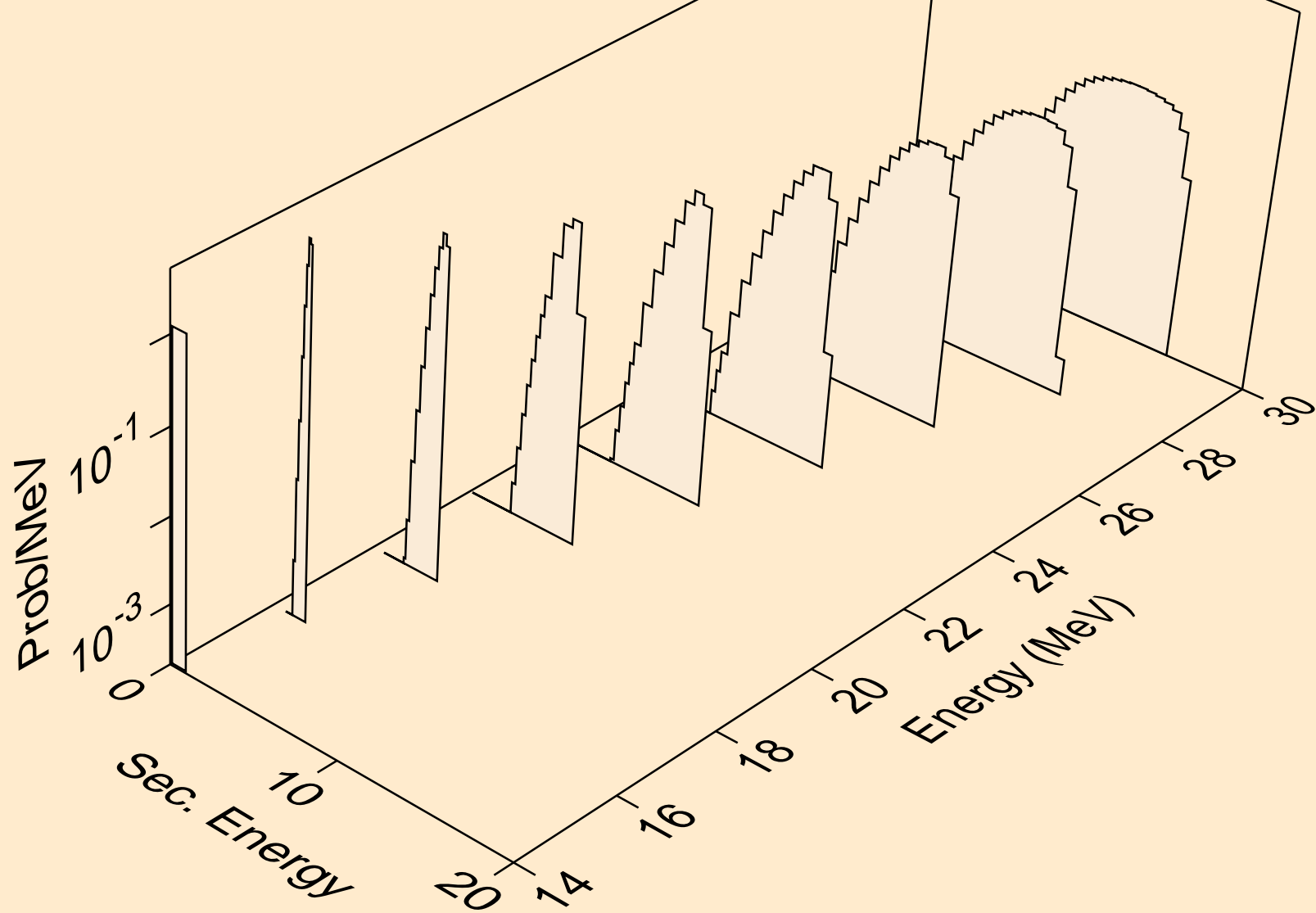
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



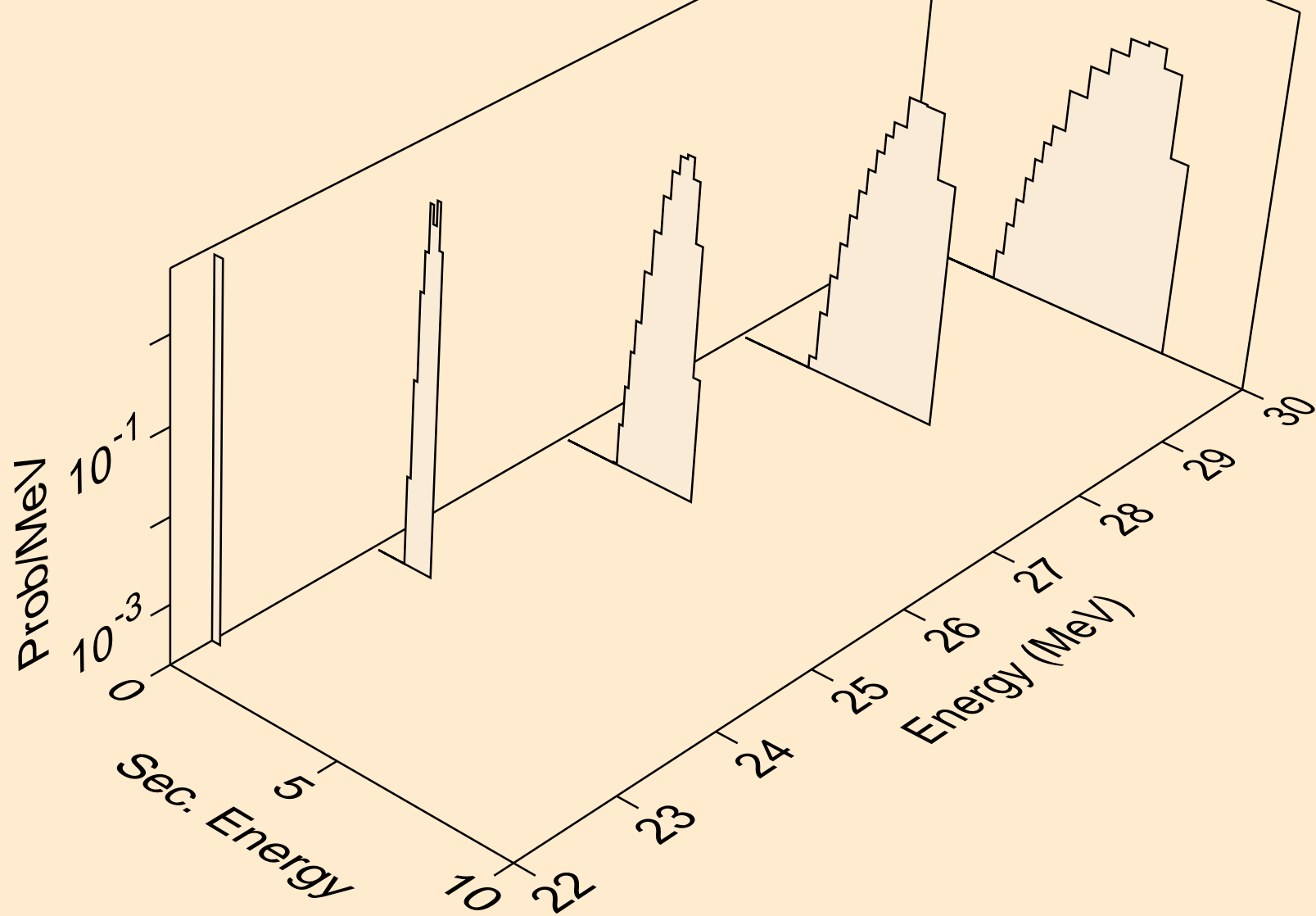
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p

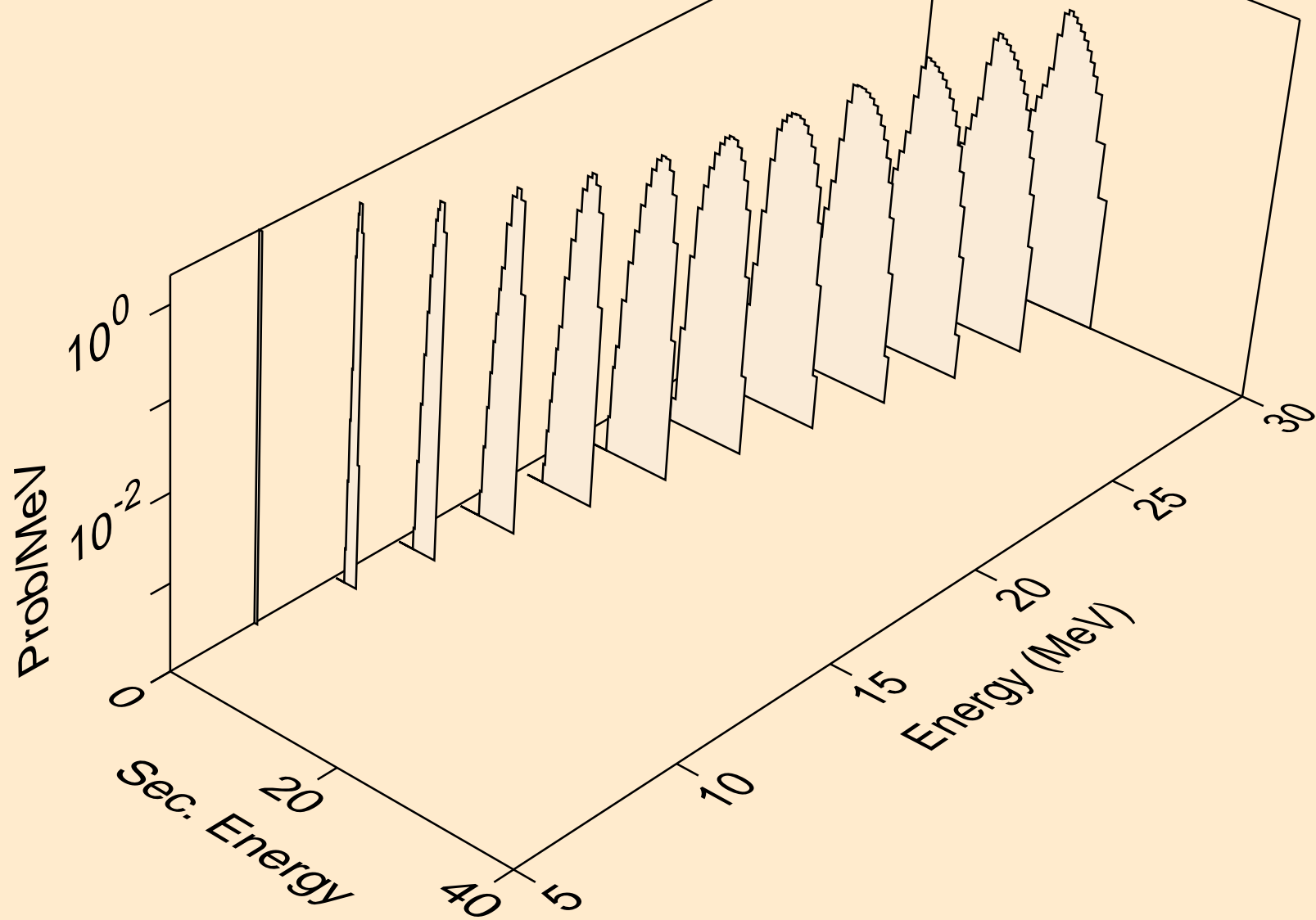


SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)

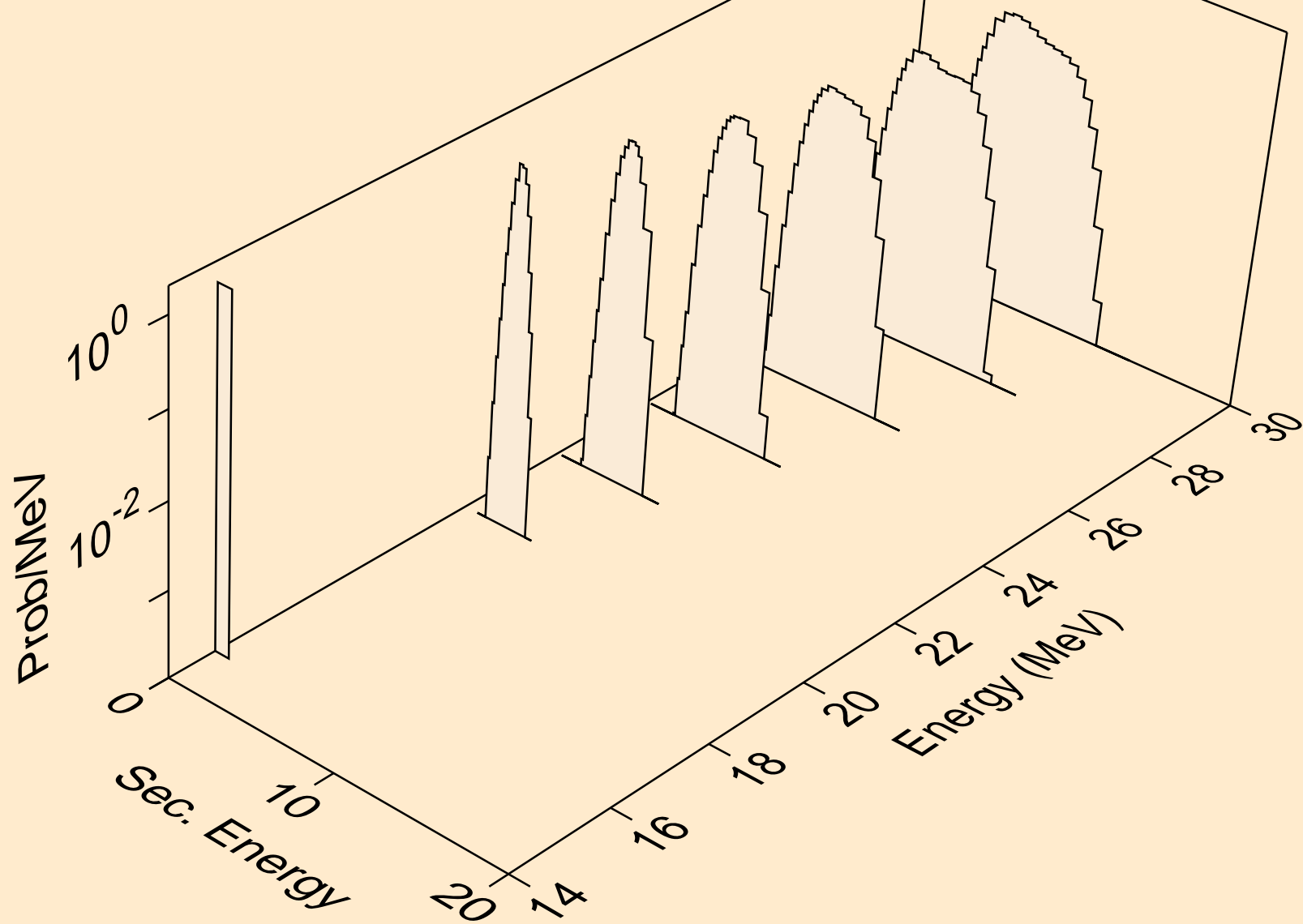




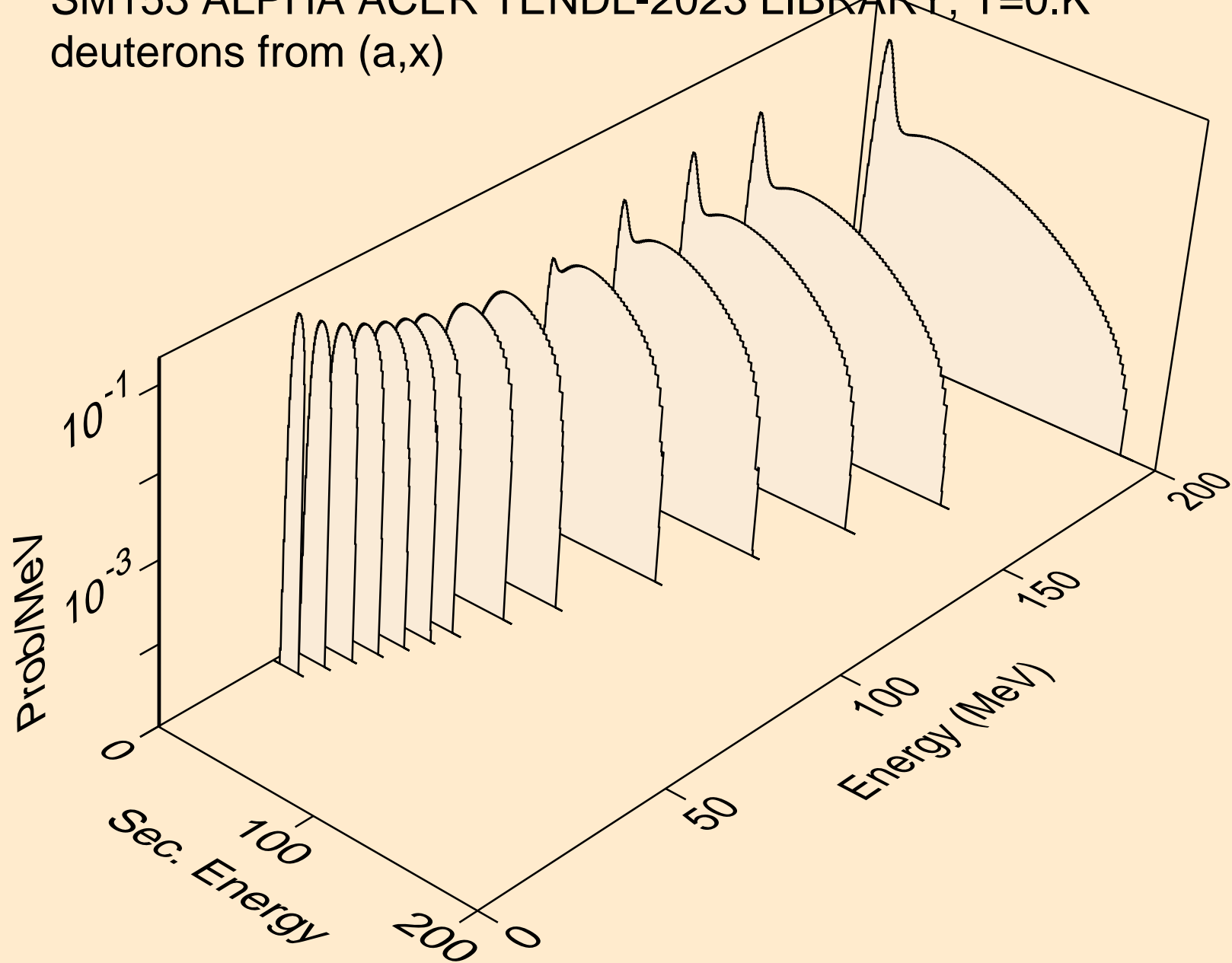
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



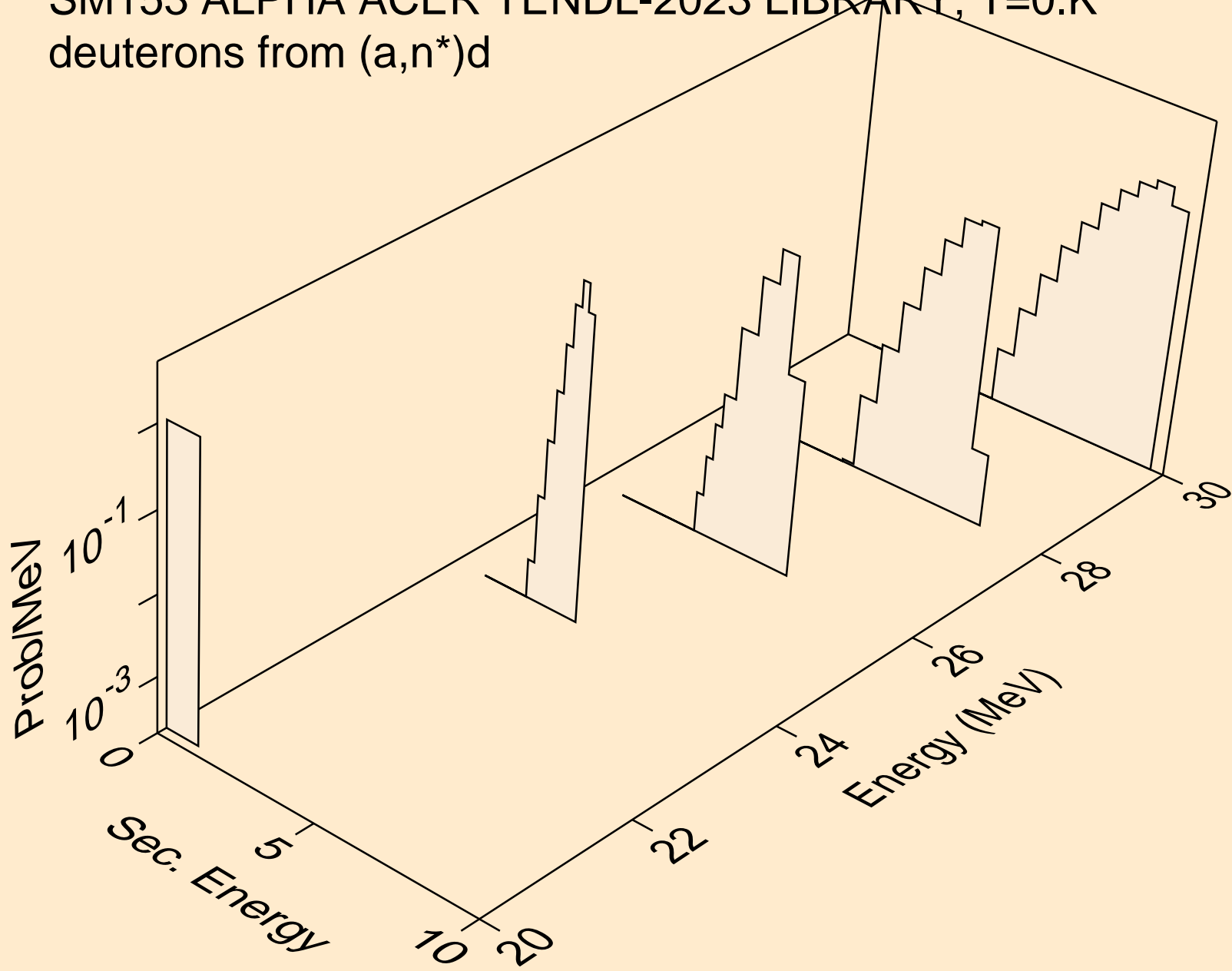
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



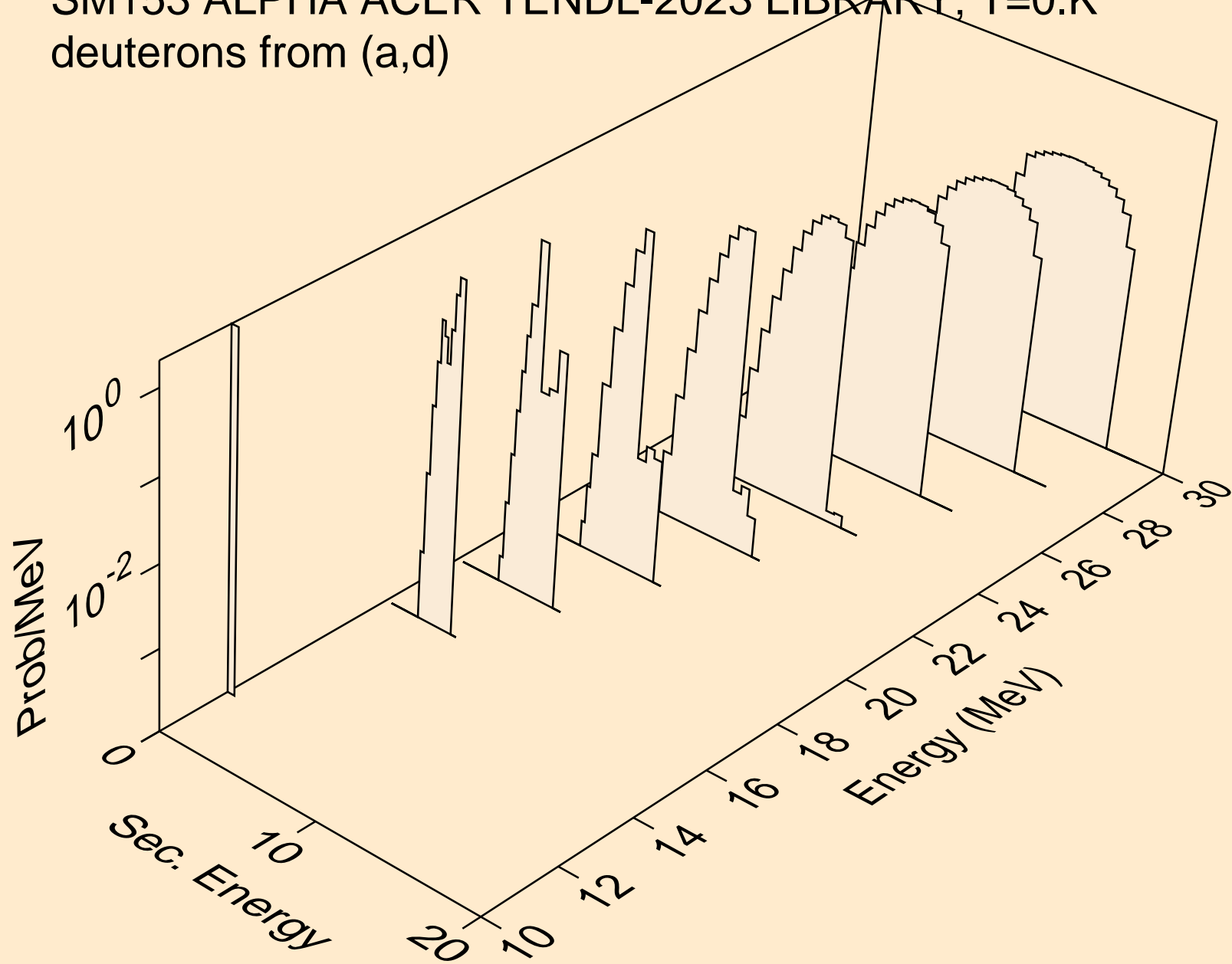
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



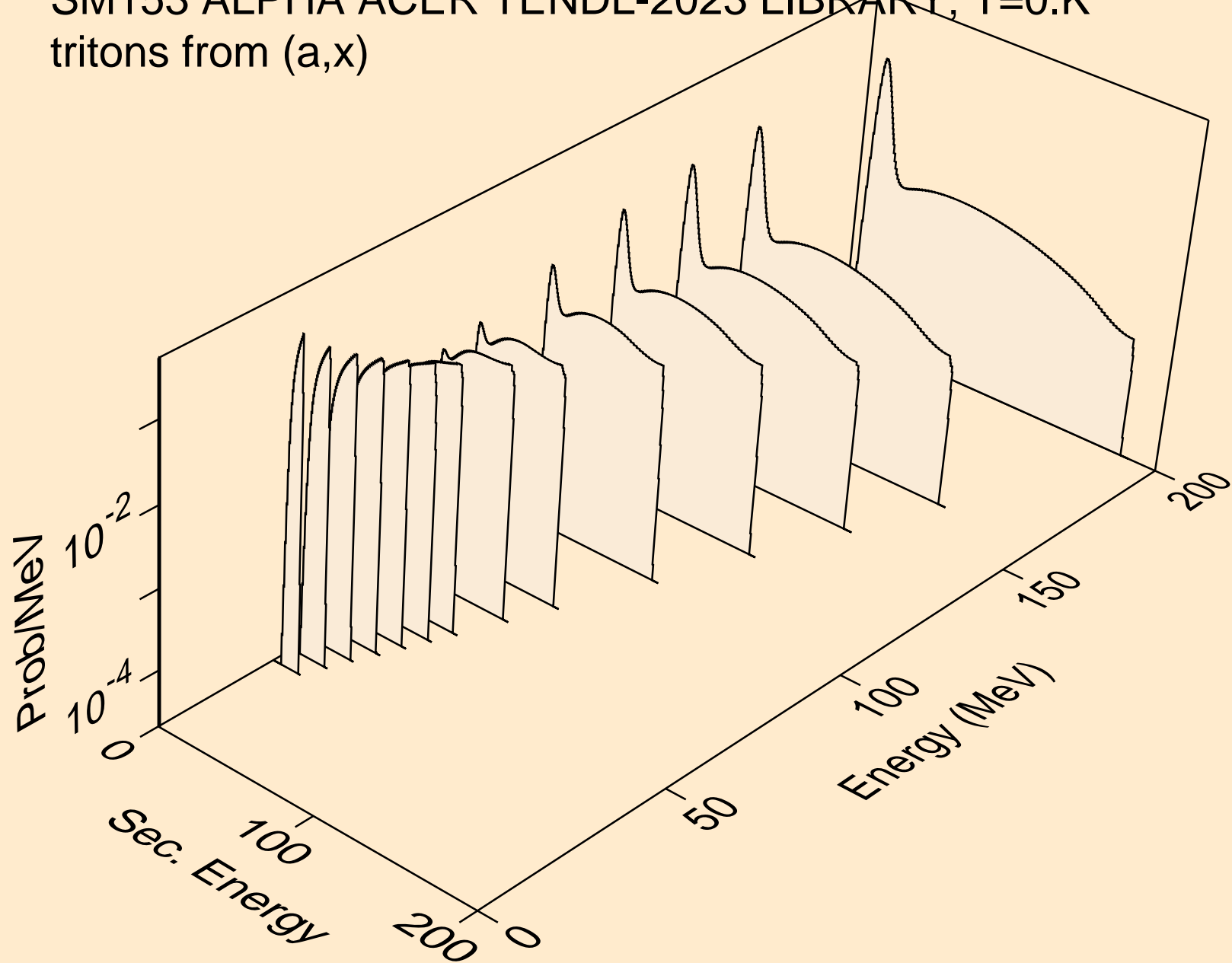
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



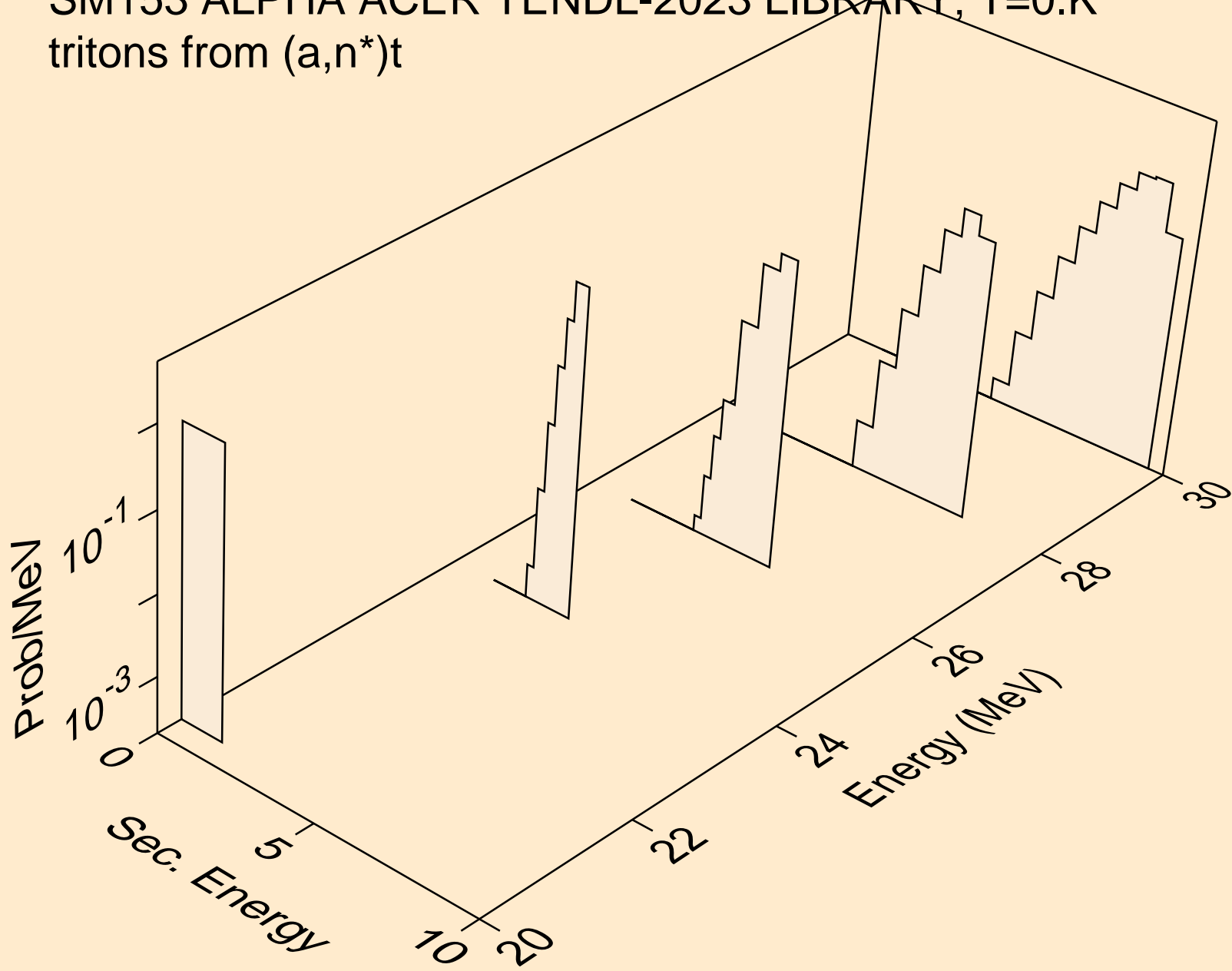
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



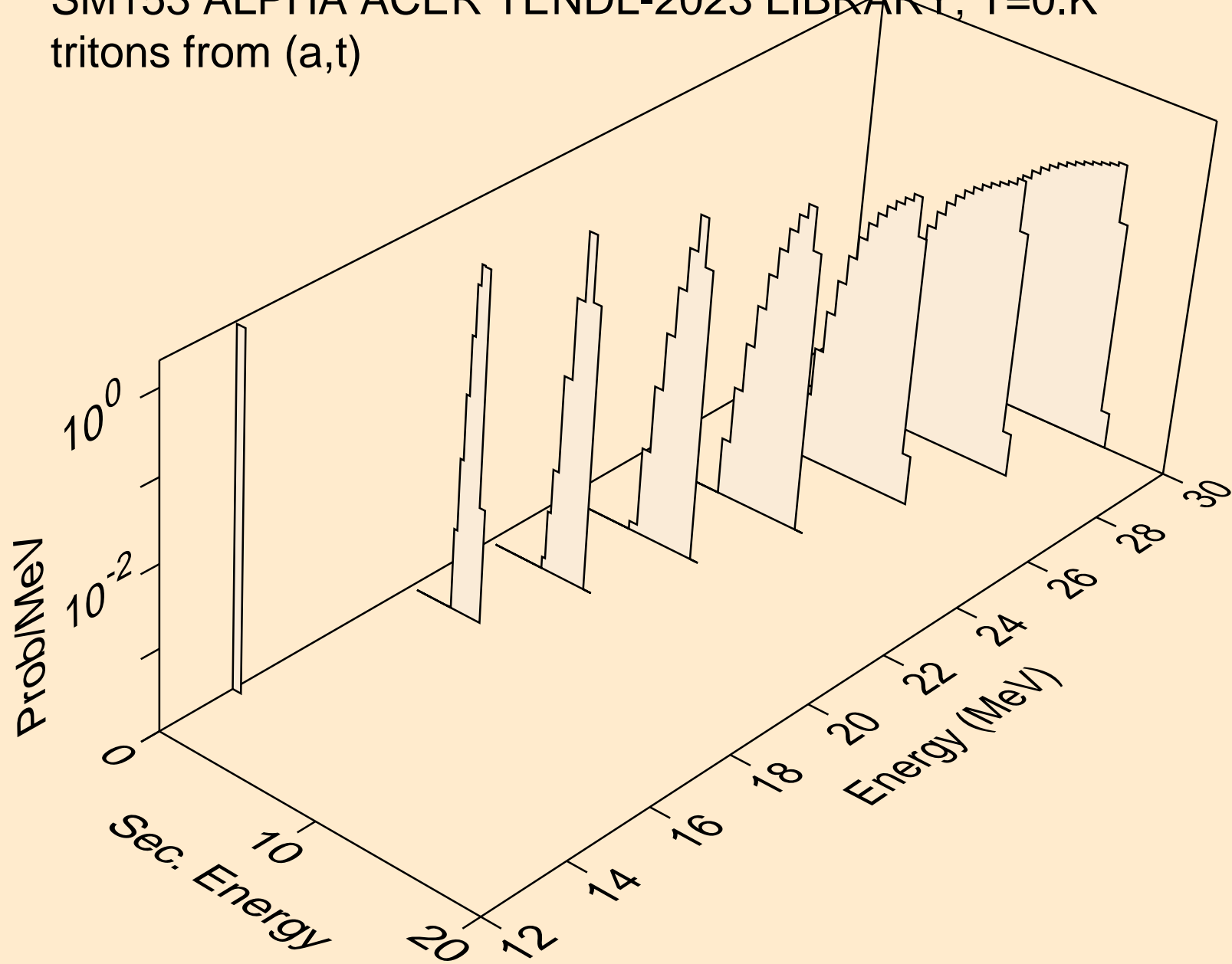
SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t

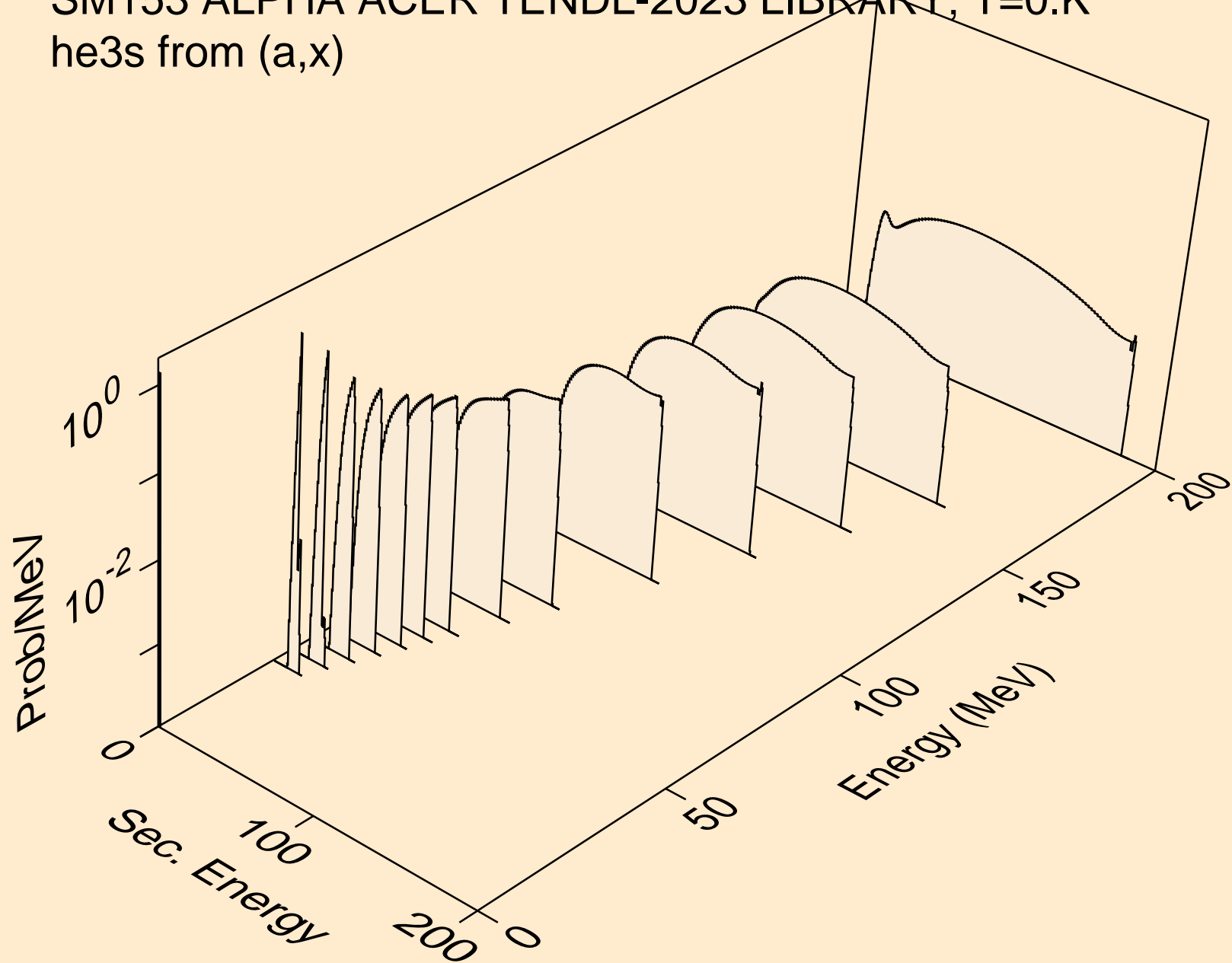


SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)





SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



SM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

